BANK OF ENGLAND

User Guide for Bank of England Electronic Tendering System
June 2012

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1) Introduction

This document is a User Guide for the Bank of England Electronic Tendering (Btender) system for all Open Market Operations (OMOs) - weekly repos, fine tune operations, long-term repos, extended collateral term repos and outright bond purchases - Asset Purchase Facility (APF) - corporate bond and gilt auctions - and Non-GBP operations. This guide provides an outline of the key features of Btender, including a detailed overview of how to take part in each operation type. Generic functionality and instructions are described in sections 2-6 and section 14. Specific instructions for each type of operation are provided in sections 7-13. Section 15 contains contact details.

The Bank of England's Sterling Monetary Framework are governed by the Terms and Conditions and Operating Procedures available at
http://www.bankofengland.co.uk/markets/money/documentation.htm

APF corporate bond auctions are governed by the Terms and Conditions available at
http://www.bankofengland.co.uk/markets/apf/documentation.htm

US dollar repo operations are governed by the supplementary Terms and Conditions available at
http://www.bankofengland.co.uk/markets/Pages/other/dollarrepo/default.aspx

This User Guide may be updated/amended from time to time with or without notice. The latest version of the guide will be published on the Bank of England website at
http://www.bankofengland.co.uk/markets/money/documentation.htm

A description of the Bank of England Sterling Monetary Framework is provided in the 'The Framework for the Bank of England's Operations in the Sterling Money Markets' available at http://www.bankofengland.co.uk/markets/money/index.htm

NOTE: Following current terminology the guide describes a counterparty's participation in short- and long-term repos as 'bidding'. For outright purchases, where the counterparty is selling bonds to the Bank, the terminology used is 'offering'. However, in some places in the user guide (i.e. for generic functions) these terms are used interchangeably for convenience.

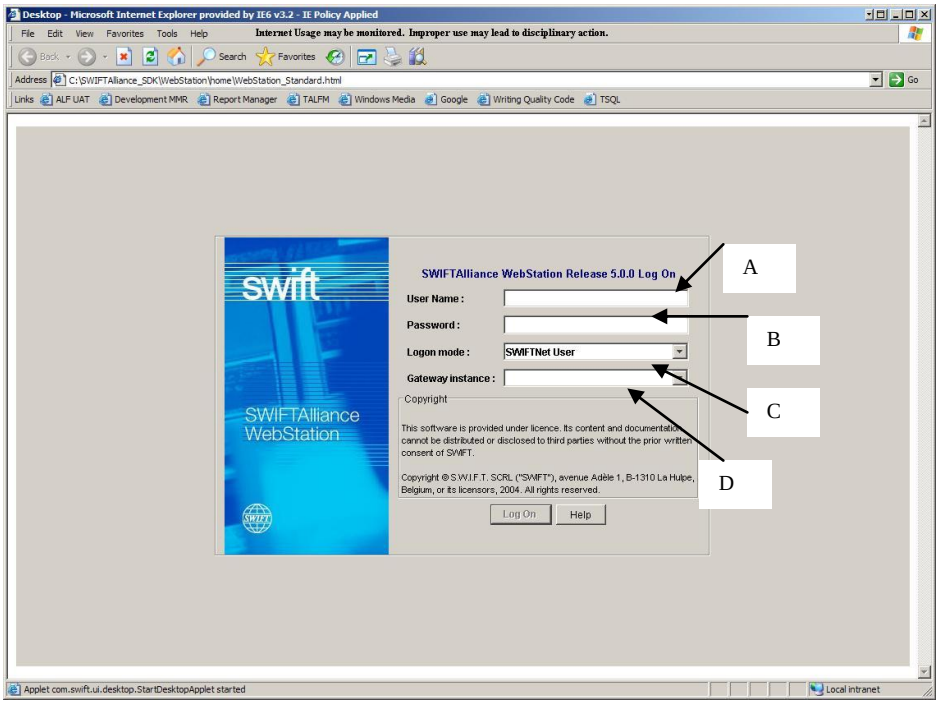
DISCLAIMER: The Bank does not accept any liability for loss or damage, whether direct, indirect or consequential, resulting from the use of or inability to use Btender. For full disclaimer applicable to Btender, please see clause A4 of the Bank's Terms and Conditions for participation in the Sterling Monetary Framework available at
http://www.bankofengland.co.uk/markets/money/documentation.htm**, and**
http://www.bankofengland.co.uk/markets/apf/documentation.htm **for participation in APF corporate bond auctions.**
All Btender screenshots are for illustrative purposes only.

2) Launching application and login requirements

Each user will require a SWIFT user name and SWIFT password to access the system. The SWIFT ID will be provided by SWIFT, the password is set by the user. Please contact your internal IT support if any issues arise.

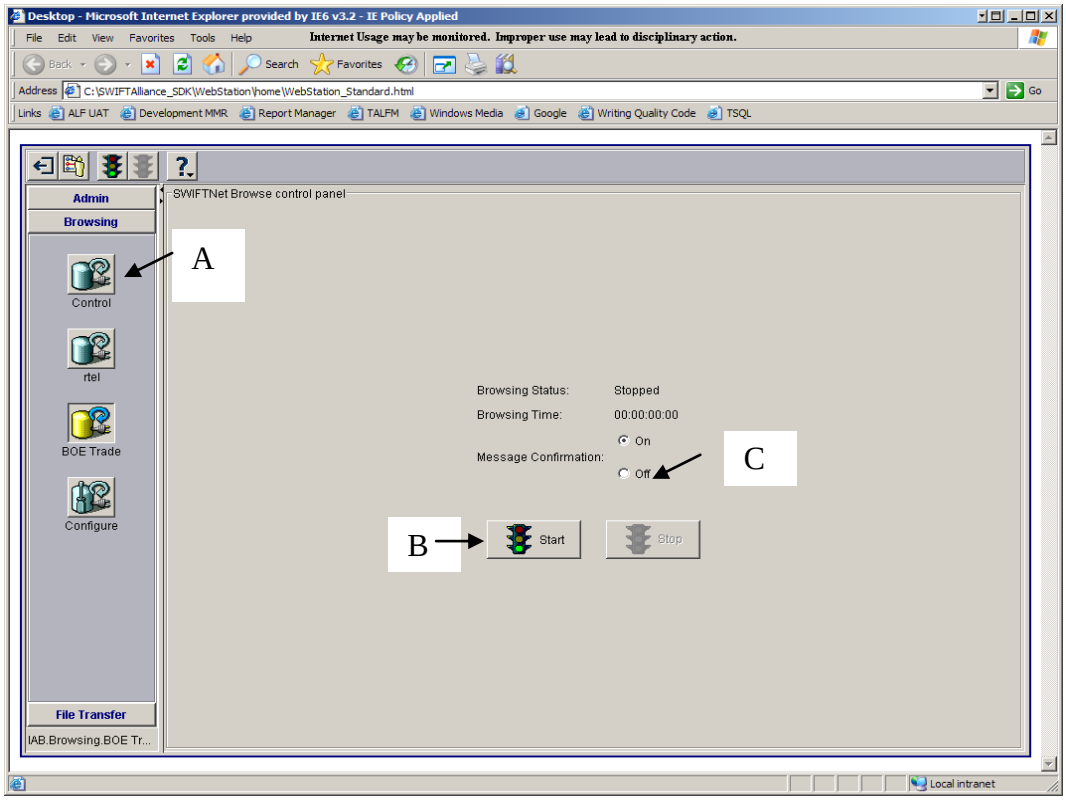
To launch the application and login use the following steps:

1. Double click the webstation icon on the SWIFT terminal desktop.
2. This will take you to the login screen below. Enter your username (A) and password (B) in the boxes provided. If using a SWIFTAlliance Gateway, the Logon mode must be selected from the dropdown box as **SWIFTNet user** (C) and the appropriate Gateway instance must be selected from the Gateway instance dropdown box (D).



3. When the information has been completed click on the logon button.

On the next screen, click on the Browsing button on the left hand menu if your default panel is not Browsing. The following screen will be presented:



4. Click on the control button (A) in the left hand menu (NOTE – a user's individual setup may require a different selection at this point, please contact your SWIFT Officer if necessary).
   Set the Message Confirmation radio option to 'Off' (C) (only required for trouble shooting)
5. Then click on the start button (B). This will open an Internet Explorer screen.
6. To access Btender Live, enter https://boe-omo.swiftnet.sipn.swift.com/ in the address bar at the top of the screen. The user will then be taken to the Btender timetable screen. Note this URL may be saved as a favourite in Internet Explorer or dedicated Browse icons can be created in WebStation as required. (When using Btender Trial, enter https://boe-omo-trial.swiftnet.sipn.swift.com in the address bar).
7. Enter your SWIFTNet password when prompted.

The Bank will operate from one of two sites, however, this does not affect the link used to access Btender Live or Trial.

If a user changes the business location from which they login to SWIFT, this may affect their SWIFT subscription to Btender. This may affect both the user and infrastructure BIC's[1]. The user must be aware of this when working from their disaster recovery site, and ensure all sites from which Btender is used have the correct SWIFT subscription. Any location changes must be notified to the Bank to ensure setup is enabled and the connection can be tested.

Btender is currently supported on Internet Explorer version 6.

[1] BIC stands for Bank Identifier Code and is a unique address which, in telecommunication messages, identifies precisely the financial institutions involved in financial transactions.

Access Rights

Firms can configure the access rights for each person (user) able to login to Btender. There are 2 levels of access – "viewer" (view only, no input rights) and "dealer" (able to view, input and amend). The levels correspond to the SWIFTNet roles member and supermember. SWIFT roles are allocated to each user by the firm's SWIFT Security Officer. Each firm needs to decide which role is required for each user and then make the change(s) necessary. **Please note that it is the responsibility of the firm to ensure that access rights to Btender are assigned appropriately within their organisations. The Bank does not accept any liability for the firm's failure to do so. Further detail on assigning the roles is provided in annex 1.**

Btender authenticates users by a second level swift ID only. A firm can log in with as many users as are created, and all those users will automatically be authorised to use the system in "viewer" or "dealer" roles depending on access rights. Each dealer level user can add, edit or cancel bids, and any user within the firm organisation can edit, or cancel bids by any other user. However, two users cannot edit a bid at the same time. If user A edits bid X and user B edits it shortly after, then the user B will get a bid submit error because the data B was editing would no longer be valid. The users will see each other's bids but the list will not update until the screen is refreshed by either submitting a bid.

3) Btender clock/PC synchronisation

The Btender bidding screen has a countdown timer in the top right corner. This provides a guide to the amount of time remaining to submit bids in the current operation. The Btender application server clock operates on London time and is synchronised with SWIFTNet. The countdown timer displayed on the bidding screen is calculated from the internal clock of the PC it is running on at the firm's premises (standard convention will be used to convert to London time if the user is in a different time zone, so the clock starts at the correct time). **It is the user's responsibility to ensure that each relevant PC clock is showing the correct local time and is therefore in line with the Btender application clock (allowing for different time zones) to ensure that the countdown timer is accurate. If the clock is incorrect then the operation could close in Btender before the counterparty countdown timer reaches zero, or still be open after this point.**

The time it takes for submitted bids to reach SWIFTNet from a counterparty's PC will vary according to specific factors e.g. bandwidth capacity and utilisation. The user must consider this delay when submitting bids. Bids will be time stamped upon receipt by SWIFT and **any bids with a timestamp after the end time of the operation will be rejected.** Users should therefore exercise caution when submitting bids in the final few seconds of an operation.

4) General screen layout (screen print below)

Left hand menu (A)

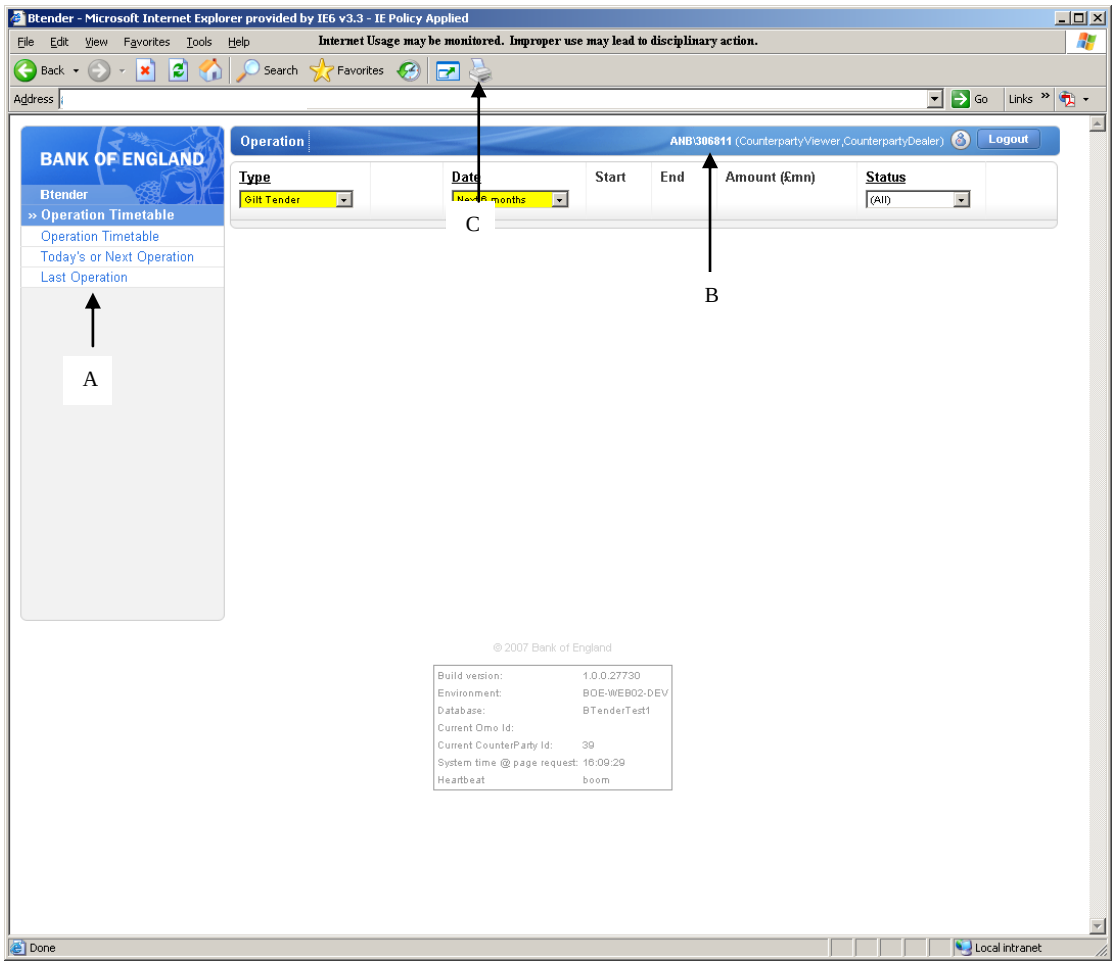
There is a left hand menu bar on all the screens. The first section of the menu bar can be used to navigate back to the operation timetable (or the current/last tender). The second section of the menu bar is context-sensitive and provides screens relevant to the selected operation.

Top bar (B)

The top bar shows the area of the system the user is in and the current user's login details. It also contains the logout button which should be used to exit the system.

Printing

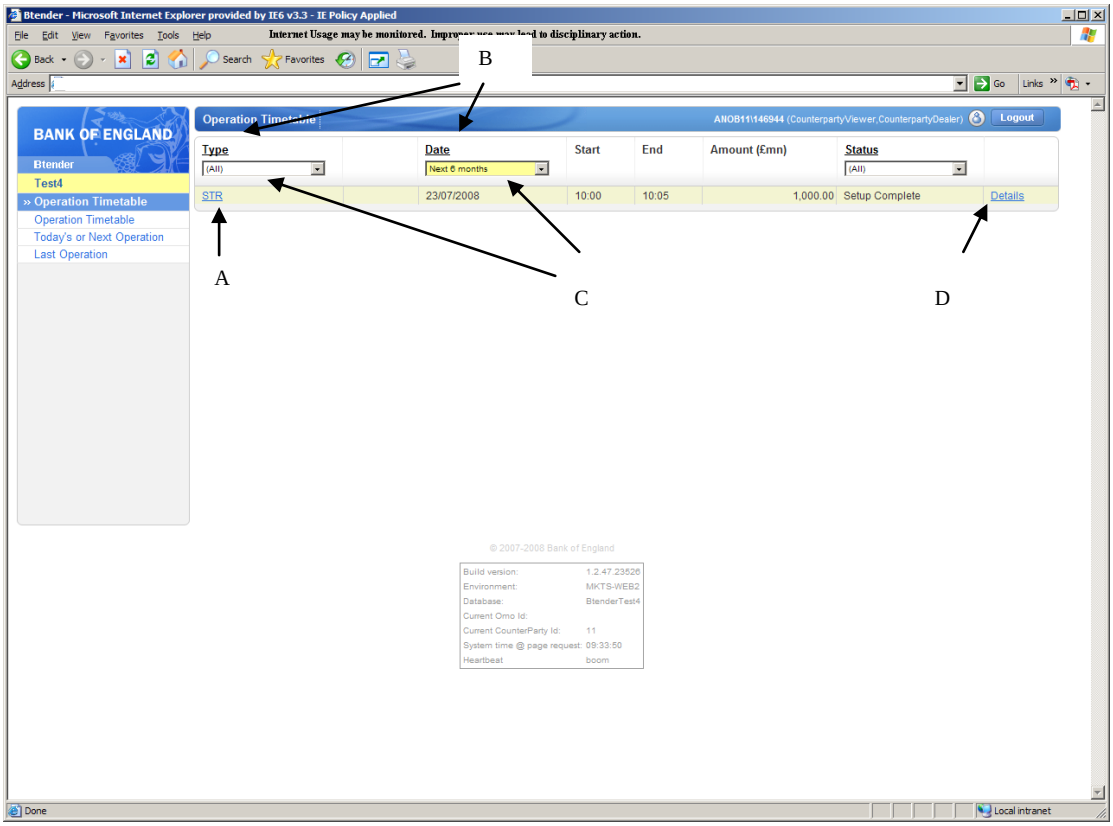
The user can print **any** of the Btender screens using the print options provided by Internet Explorer (i.e. select the file menu and then print, or use the print icon (C)). For best results, print the screens in landscape mode to ensure all the data fits on the page.



5) Operation timetable screen

The first screen shown on login is the operation timetable screen (screen print below). This screen displays all scheduled operations the user is eligible to participate in, along with the operation details (operation type, date, start/end time, amount (when available) and status). The 'details' link (D) is available on the right hand of the screen. It provides access to pre-operation announcement information (see separate section below). On the day of the operation the operation type is shown as an active link (A) and the user can click on this to access the bidding screen or set plausibility ranges (as described below).

By default the timetable will be sorted by date with the scheduled next operation shown at the top of the screen. However, it is possible to sort and filter the list by operation type or date. To sort the list click on the column headings (B) (one click to sort in ascending order, two clicks for descending order and three click to return to the default order). To filter the list select the desired option from the drop down list box located under the column headings (C). When a filter is in use the drop down box will be highlighted in yellow. The results for past operations can be accessed via this screen by selecting the 'All' option in the date filter option. The filter options are not retained after the user leaves the screen or if the screen refreshes following an automatic update, for example, when the operation changes status.



Accessing individual operations

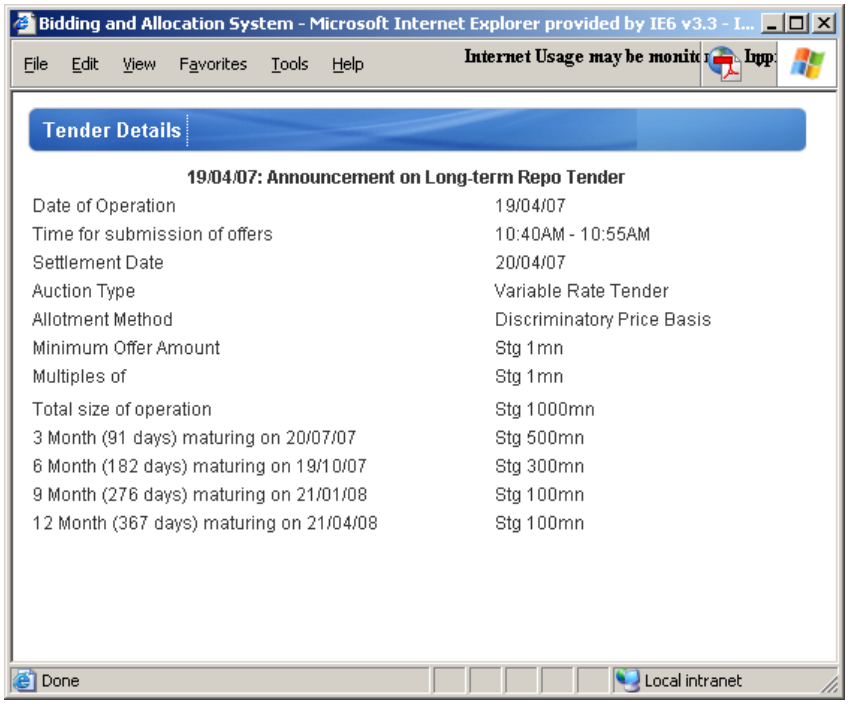
The bidding/offering screen can be accessed by clicking on the relevant operation link (A). Prior to the operation start the user will be taken to a blank bidding screen – this will automatically update to an active bidding screen when the operation starts. This screen will be available until the operation close when it goes read only. After the operation has finished and the Bank has performed the allocation the results will be available here (the results can also be accessed via the link on the left hand menu).

Access to pre-operation announcements

The details for each operation can be accessed (as they become available) by clicking on the Details link (D) on the right of the timetable screen. For long-term repo and outright purchase operations the following information is available one week prior to the operation:

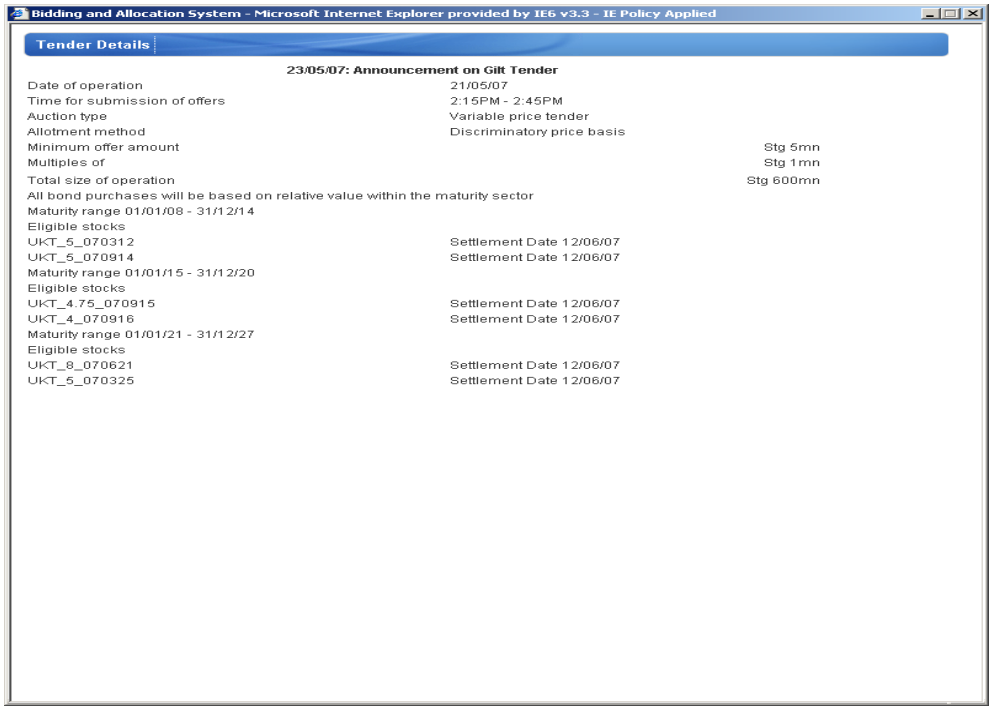
Long-term repo (example below)

- Amounts on offer for each maturity
- Maturity dates

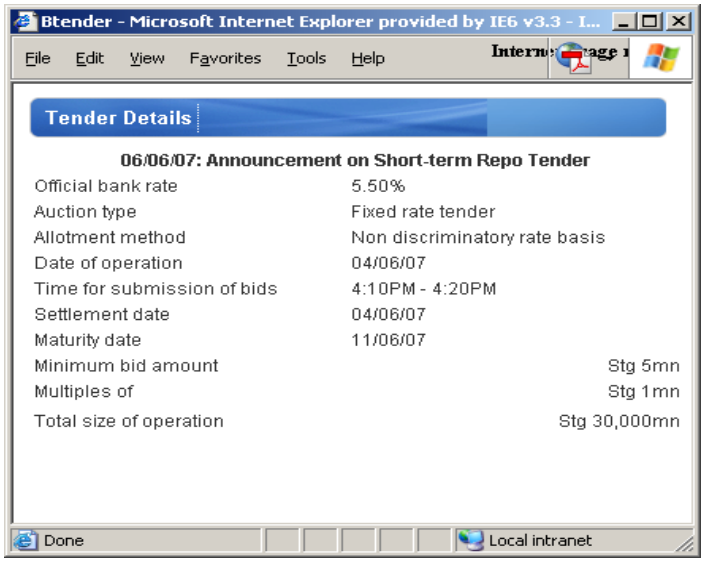

Bidding and Allocation System - Microsoft Internet Explorer provided by IE6 v3.3 - I...
File Edit View Favorites Tools Help
Internet Usage may be monit
Tender Details
19/04/07: Announcement on Long-term Repo Tender
Date of Operation 19/04/07
Time for submission of offers 10:40AM - 10:55AM
Settlement Date 20/04/07
Auction Type Variable Rate Tender
Allotment Method Discriminatory Price Basis
Minimum Offer Amount Stg 1mn
Multiples of Stg 1mn
Total size of operation Stg 1000mn
3 Month (91 days) maturing on 20/07/07 Stg 500mn
6 Month (182 days) maturing on 19/10/07 Stg 300mn
9 Month (276 days) maturing on 21/01/08 Stg 100mn
12 Month (367 days) maturing on 21/04/08 Stg 100mn
Done
Local intranet

Outright gilt purchase (example below)

- Bonds eligible for purchase in the tender
- Purchase amount for each bond.

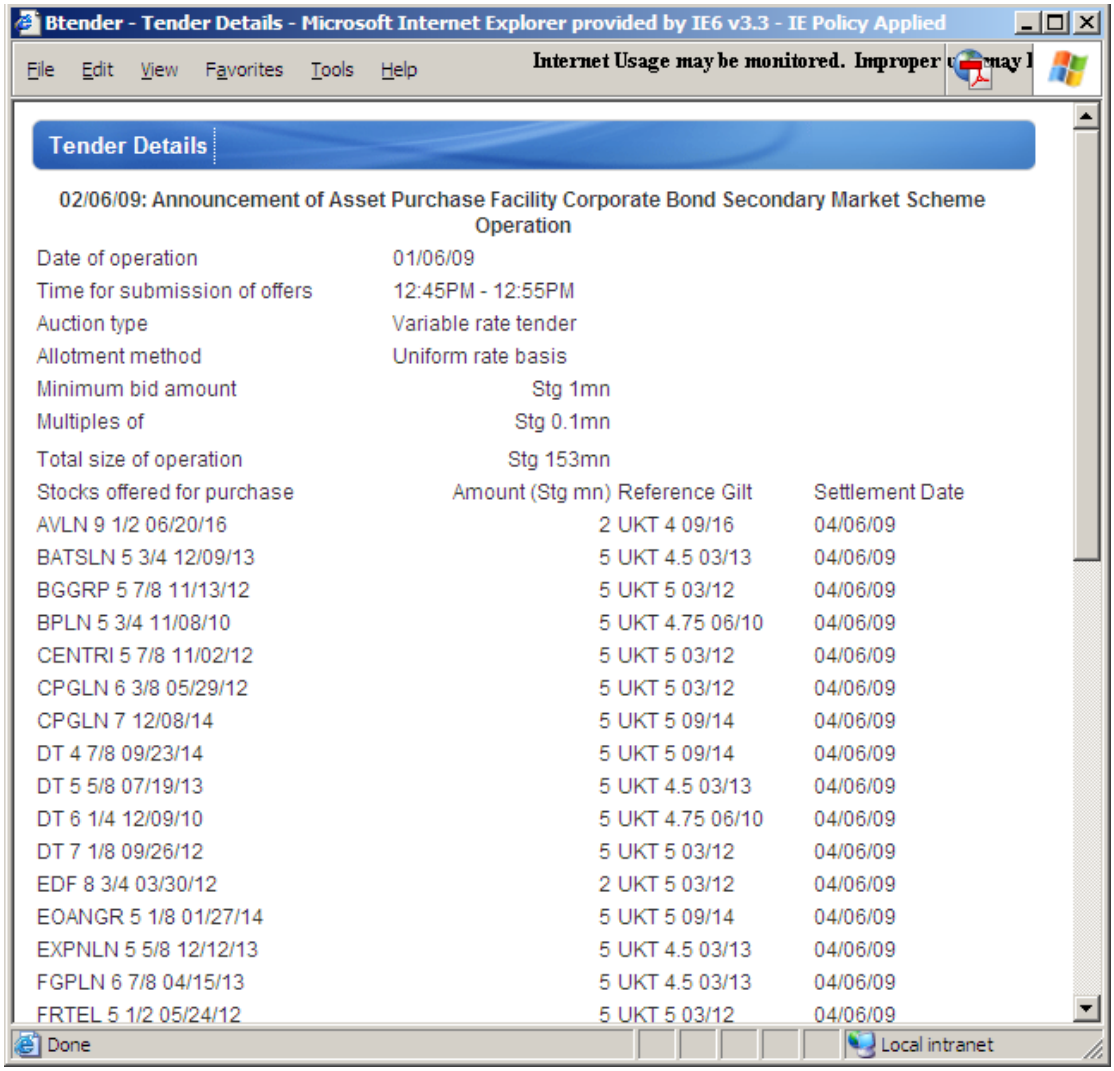

Bidding and Allocation System - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
Tender Details
23/05/07: Announcement on Gilt Tender
Date of operation 21/05/07
Time for submission of offers 2:15PM - 2:45PM
Auction type Variable price tender
Allotment method Discriminatory price basis
Minimum offer amount Stg 5mn
Multiples of Stg 1mn
Total size of operation Stg 600mn
All bond purchases will be based on relative value within the maturity sector
Maturity range 01/01/08 - 31/12/14
Eligible stocks
UKT_5_070312 Settlement Date 12/06/07
UKT_5_070914 Settlement Date 12/06/07
Maturity range 01/01/15 - 31/12/20
Eligible stocks
UKT_4.75_070915 Settlement Date 12/06/07
UKT_4_070916 Settlement Date 12/06/07
Maturity range 01/01/21 - 31/12/27
Eligible stocks
UKT_8_070621 Settlement Date 12/06/07
UKT_5_070325 Settlement Date 12/06/07

For short-term repo the pre-operation information is available on day of the operation as follows:


Btender - Microsoft Internet Explorer provided by IE6 v3.3 - I...
File Edit View Favorites Tools Help
Tender Details
06/06/07: Announcement on Short-term Repo Tender
Official bank rate 5.50%
Auction type Fixed rate tender
Allotment method Non discriminatory rate basis
Date of operation 04/06/07
Time for submission of bids 4:10PM - 4:20PM
Settlement date 04/06/07
Maturity date 11/06/07
Minimum bid amount Stg 5mn
Multiples of Stg 1mn
Total size of operation Stg 30,000mn
Done
Local intranet

Corporate bond APF auction (example below)

- Bonds eligible for purchase in the tender
- Total size of operation

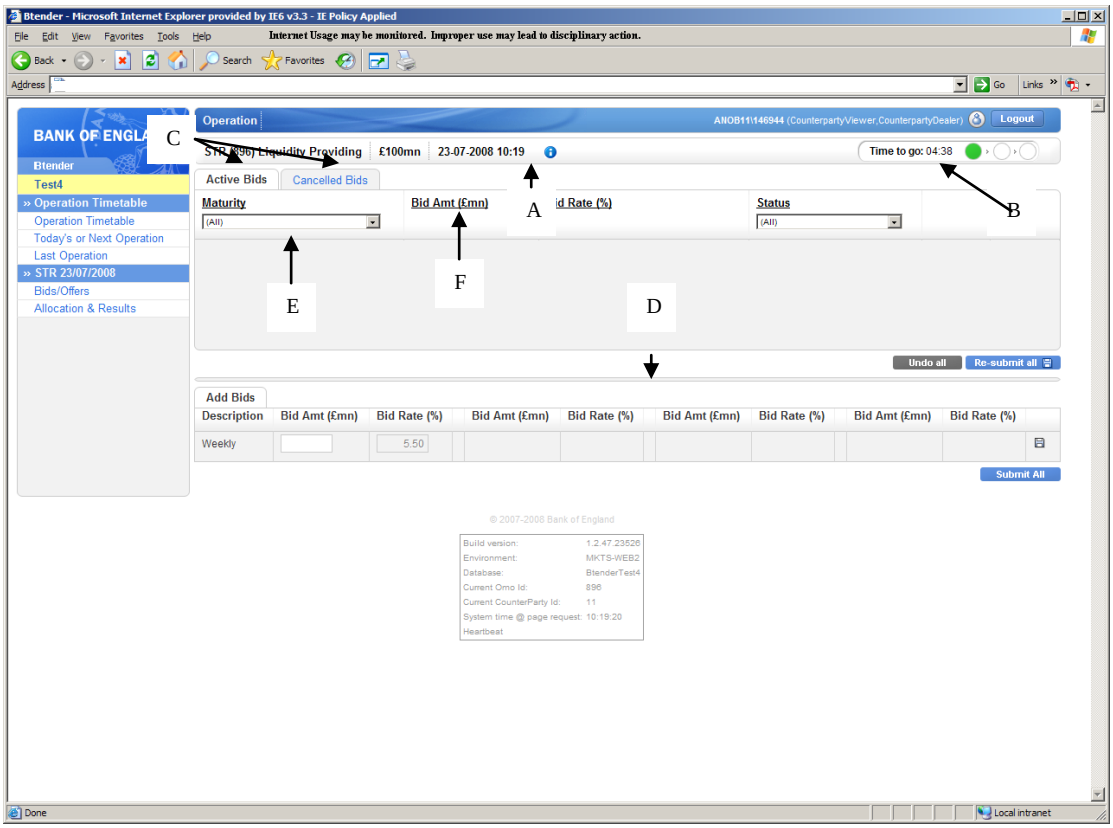

Btender - Tender Details - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
File Edit View Favorites Tools Help
Internet Usage may be monitored. Improper
Tender Details
02/06/09: Announcement of Asset Purchase Facility Corporate Bond Secondary Market Scheme Operation
Date of operation 01/06/09
Time for submission of offers 12:45PM - 12:55PM
Auction type Variable rate tender
Allotment method Uniform rate basis
Minimum bid amount Stg 1mn
Multiples of Stg 0.1mn
Total size of operation Stg 153mn
Stocks offered for purchase | Amount (Stg mn) | Reference Gilt | Settlement Date
AVLN 9 1/2 06/20/16 | 2 | UKT 4 09/16 | 04/06/09
BATSLN 5 3/4 12/09/13 | 5 | UKT 4.5 03/13 | 04/06/09
BGGRP 5 7/8 11/13/12 | 5 | UKT 5 03/12 | 04/06/09
BPLN 5 3/4 11/08/10 | 5 | UKT 4.75 06/10 | 04/06/09
CENTRI 5 7/8 11/02/12 | 5 | UKT 5 03/12 | 04/06/09
CPGLN 6 3/8 05/29/12 | 5 | UKT 5 03/12 | 04/06/09
CPGLN 7 12/08/14 | 5 | UKT 5 09/14 | 04/06/09
DT 4 7/8 09/23/14 | 5 | UKT 5 09/14 | 04/06/09
DT 5 5/8 07/19/13 | 5 | UKT 4.5 03/13 | 04/06/09
DT 6 1/4 12/09/10 | 5 | UKT 4.75 06/10 | 04/06/09
DT 7 1/8 09/26/12 | 5 | UKT 5 03/12 | 04/06/09
EDF 8 3/4 03/30/12 | 2 | UKT 5 03/12 | 04/06/09
EOANGR 5 1/8 01/27/14 | 5 | UKT 5 09/14 | 04/06/09
EXPNLN 5 5/8 12/12/13 | 5 | UKT 4.5 03/13 | 04/06/09
FGPLN 6 7/8 04/15/13 | 5 | UKT 4.5 03/13 | 04/06/09
FRTEL 5 1/2 05/24/12 | 5 | UKT 5 03/12 | 04/06/09
Done
Local intranet

Results

Results for completed operations can be accessed via the operation timetable screen. To see past operations select the ‘all’ option in the date filter (the last year of operations is available). Scroll back through the list and click on the operation you are interested in (users may find it easier to sort the list by operation type first). Click on the operation type link for the operation results are desired for - the results screen will be presented as default.

6) Bidding/offering screen - overview

The bidding/offering screen is only available when a tender is active (i.e. between the start and end times). A blank bidding screen is presented at other times. The bidding screen can be accessed by clicking on the operation link in the timetable screen. The layout of the screen and required data inputs depends on the type of operation that is being conducted – more detail can be found in the operation specific sections below.



Top bar (A)

The top display bar always contains the high level details for the operation i.e. the operation type, tender amount, date and start time for the selected OMO. In addition, the bar contains a blue information icon. When selected this icon will produce a pop-up box containing the pre-operation publication details for the operation (as described above).

Importantly, the top bar also contains the **countdown timer (B)** for the operation. This acts as a guide to the amount of time remaining to submit bids/offers in the current operation. As an aid to users, there is a 'traffic light' next to the timer. For short-term repo (including fine tunes) the timer will move from green to amber when there are two minutes remaining and from amber to red when there is one minute remaining. For long-term repo and bond purchase OMOs the timer will move from green to amber when there are five minutes remaining and from amber to red when there is one minute remaining.

The operation screen contains two tabs on the left hand side. One for active bids/offers and one for cancelled bids/offers (C).

Active bids/offers tab

The active bids tab is divided into two sections which are split by a movable splitter bar (D). The movable splitter bar enables users to adjust the viewable area of each section. The area can be resized by pulling the splitter bar up/down to resize.

The bottom section of the screen is where new bids/offers are added and submitted. Once offers have been submitted they are displayed in the top section of the screen where they can be amended or cancelled (this functionality is described further below).

Filtering and sorting submitted bids/offers[2]

It is possible to filter and sort bids/offers by clicking on the column headings in the active bid tab. Bids/offers can be filtered by maturity (for LTR) or description (for outright purchases) – click the relevant option in the drop down box which appears under the column heading (E). When a filter is 'on' the drop down box will be highlighted in yellow. To view all bids select the 'all' option. Bids/offers can be filtered on status in a similar manner. **Users must take care to ensure that they do not forget to monitor/manage bids/offers by inadvertently leaving filtering on.**

The other columns can be sorted in ascending or descending order by clicking on the underlined heading (F). One click on the heading will sort in ascending order; a second click will sort in descending order; a third click restores the original (i.e. submitted) order. An arrow will appear beside the column title when a sort is 'on'. It is possible to use the sort functionality in combination. For example, if the columns are sorted on nominal amount and then sorted on rate, the system will sort on rate within the nominal amount sort already selected.

Sort and filter preferences are only retained while the bidding/offering screen is open (i.e. if a user leaves the bid/offer screen mid operation and then returns, the sort/filter preference will be lost).

Cancelled bids tab

This screen displays any bids/offers which have been submitted but subsequently cancelled. These bids/offers **may not** be resubmitted.

Validation/Plausibility checks

Various validation and plausibility ranges have been built into the system by the Bank. The purpose of these checks is to prevent obvious input errors and to ensure users comply with the rules set out in the operational procedures (e.g. do not enter offers below minimum allowable size, do not enter offers with an incorrect bid/offer increment). An error message will be provided if an entry is invalid or breaches a plausibility check.

[2] Relevant only for operations where more than one bid/offer is submitted.

Operation Close

At operation close the bidding/offer screen will become read-only preventing further bid submission, amendment or cancellation (note: this process may take a few seconds – any bids entered after the close of the operation will however be rejected). The screen will automatically refresh to show the operation results when these are available.

7) Weekly and fine tune repo OMOs

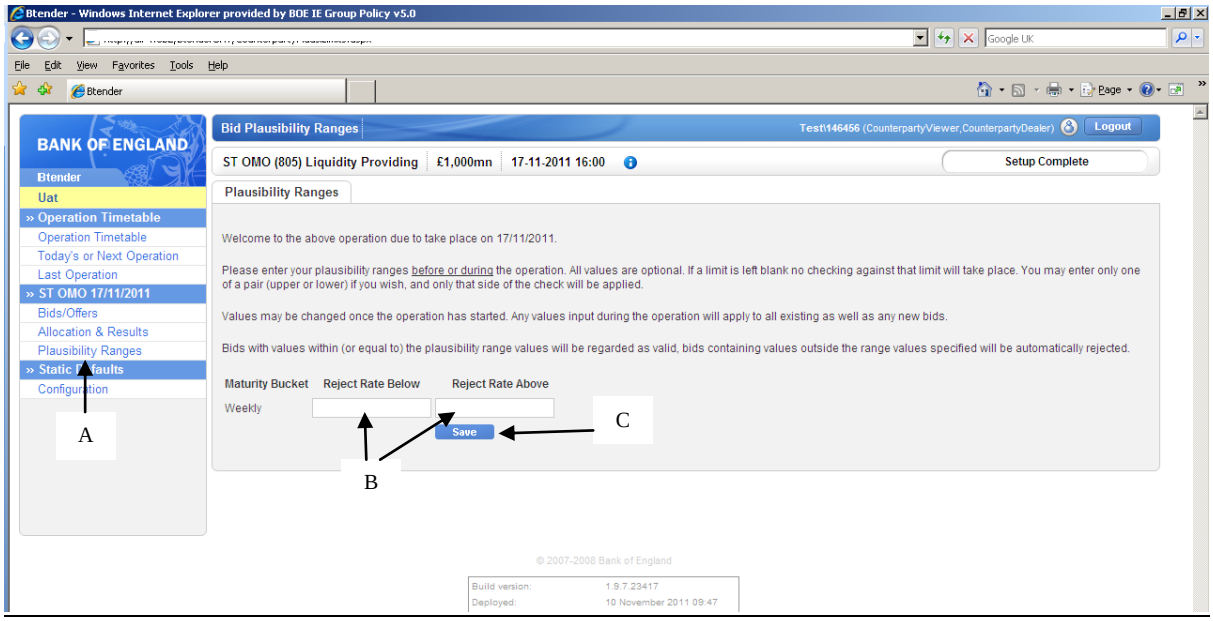
Setting plausibility ranges (screen print below)

The system allows users to set their own rate plausibility ranges (at counterparty level i.e. the ranges apply to anyone bidding for that counterparty in that operation) for each maturity. Any bids submitted with rates which exceed the upper plausibility limit or are below the lower plausibility limit will be rejected automatically.

User-set plausibility ranges are optional – if no plausibility ranges are input the Bank plausibility ranges will apply (the Bank plausibility rates will apply whether or not user plausibility rates are set and are set to catch obvious input errors so are relatively wide). **If the user decides to set plausibility ranges they must be set on the day of the tender.** Values may be changed once the operation has started. Any value input during the operation will apply to all existing as well as any new bids.

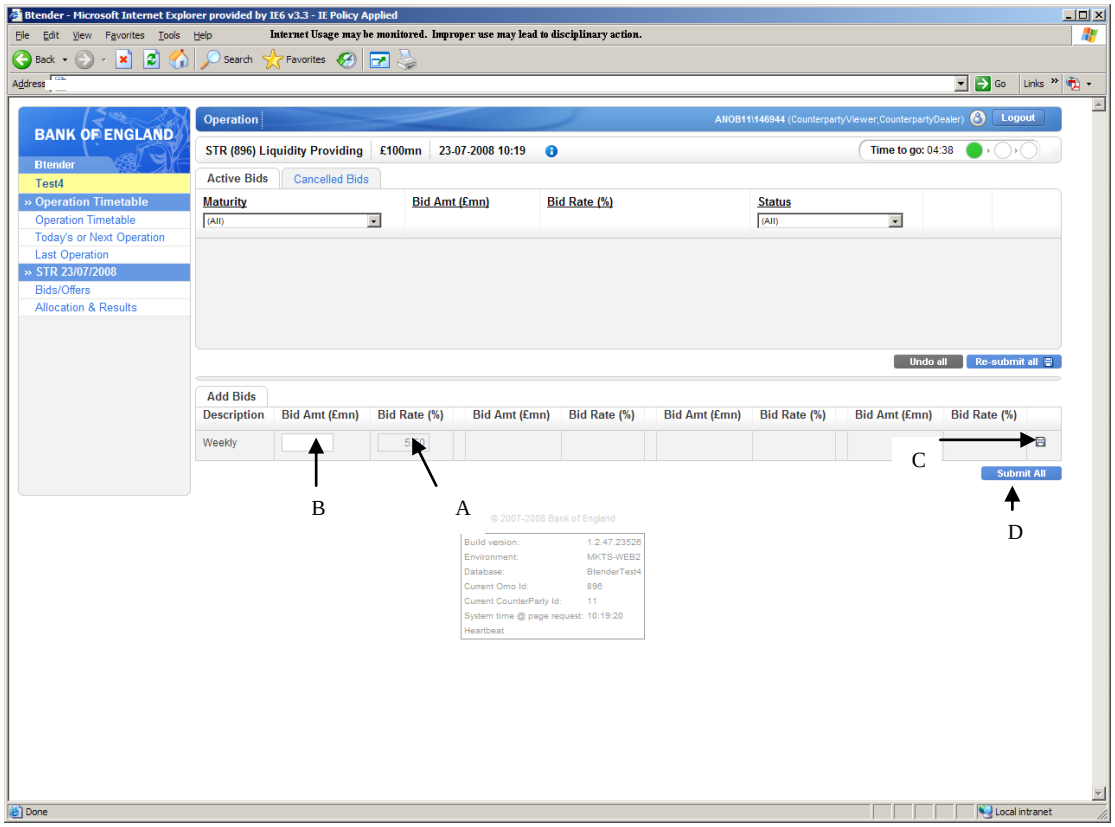
To set plausibility ranges:

1. Select the operation in the timetable screen by clicking on the operation link.
2. Select the Plausibility Ranges link from the left hand menu (A).
3. Enter the reject rate below and reject rate above for each maturity in the boxes provided (B). Bids / offers with values equal to the plausibility range values will be accepted as valid.
4. The number of decimal places allowed is equal to the number of decimal places allowed for the bid / offer rate (set out in the Operational Documentation).
5. If an invalid value is entered in the box (for example, text or a value with too many decimal places) the field will be highlighted in red and an error message will be provided. The error must be corrected before the plausibility rates can be saved.
6. Press the 'save changes' button (C).
7. The rates can be changed at any time by overtyping the saved values and pressing 'save changes'.


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
BANK OF ENGLAND
Btender
Uat
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» ST OMO 17/11/2011
Bids/Offers
Allocation & Results
Plausibility Ranges
Configuration
Bid Plausibility Ranges
Test\146456 (CounterpartyViewer,CounterpartyDealer)
Logout
ST OMO (805) Liquidity Providing
£1,000mn
17-11-2011 16:00
Setup Complete
Plausibility Ranges
Welcome to the above operation due to take place on 17/11/2011.
Please enter your plausibility ranges before or during the operation. All values are optional. If a limit is left blank no checking against that limit will take place. You may enter only one of a pair (upper or lower) if you wish, and only that side of the check will be applied.
Values may be changed once the operation has started. Any values input during the operation will apply to all existing as well as any new bids.
Bids with values within (or equal to) the plausibility range values will be regarded as valid, bids containing values outside the range values specified will be automatically rejected.
Maturity Bucket
Reject Rate Below
Reject Rate Above
Weekly
Save
A
B
C
© 2007-2008 Bank of England
Build version:
1.9.7.23417
Deployed:
10 November 2011 09:47

Adding bids (screen print below)

1. Once an operation has started the bidding screen can be accessed by clicking the operation type description corresponding to the operation on the timetable screen.
2. For fixed rate operations only one bid at Bank Rate is allowed (A).
3. The bid amount (in £mn) should be entered in the box provided in the lower half of the screen (B). The minimum offer amount and minimum increment will be displayed in the details for the operation.
4. To submit the bid to the Bank, either click the submit icon to the right of the bid (C) OR the 'submit all' button at the bottom right of the screen (D).



Viewing and editing the bid (screen print below)

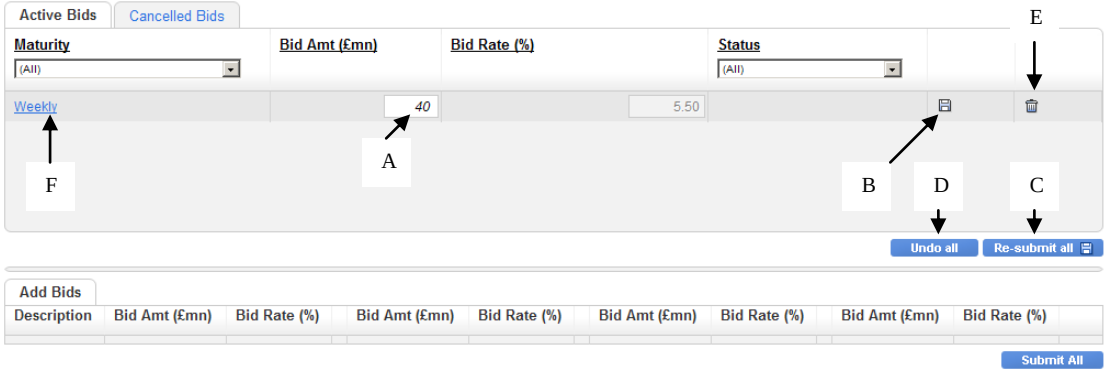
The submitted bid will be displayed in the top section of the 'active bids' tab. The bid status at this point will either be valid or rejected. Valid bids have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

Rejected bids are those which have failed the Bank's validation criteria. If a bid is rejected the amount field will be highlighted in red and the user can 'hover' over the field to display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted bid (rejected or valid) may be edited in the top section of the screen as follows:

1. Overtype the bid amount (A). A change to the bid will result in the revised amount being displayed in italics and the "submit" icon appearing on the right hand side of the screen (B). The status will go blank until the bid is resubmitted.
2. The change can be resubmitted by either clicking on the submit icon to the right of the bid (B) OR by pressing the 'resubmit all' button (C). If a user leaves the screen (or the operation ends) without resubmitting then the changes will be lost and the original bid will stand. Prior to resubmission, any changes made in the top portion of the screen can be undone by pressing the 'undo all' button (D).

If a previously rejected bid meets the Bank's validation criteria after editing, the status will be changed to valid. Conversely if a previously valid bid no longer meets the Bank's validation criteria after editing it will be rejected.

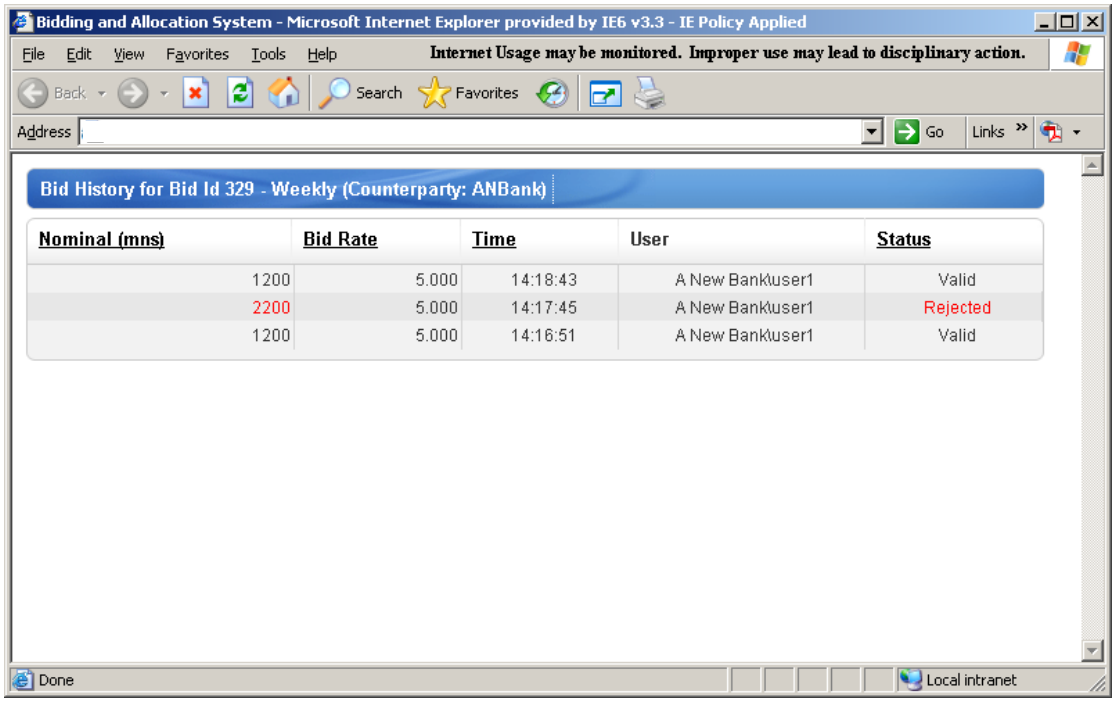


Cancelling bid (screen print above)

To cancel a bid click on the rubbish bin icon corresponding to the bid to the right of the screen (E). The cancelled bid will be removed from the active bids screen and placed on the cancelled bids screen (accessed via the cancelled bids tab). Cancelled bids may not be amended or resubmitted.

Bid History

A history log for each bid can be accessed by clicking the link in the maturity column (F). The bid history log provides a record of that bid from submission until completion of bidding, including any changes (example below).


Bidding and Allocation System - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
File Edit View Favorites Tools Help
Internet Usage may be monitored. Improper use may lead to disciplinary action.
Back Search Favorites
Address
Go Links
Bid History for Bid Id 329 - Weekly (Counterparty: ANBank)
Nominal (mns) Bid Rate Time User Status
1200 5.000 14:18:43 A New Bank\user1 Valid
2200 5.000 14:17:45 A New Bank\user1 Rejected
1200 5.000 14:16:51 A New Bank\user1 Valid
Done
Local intranet

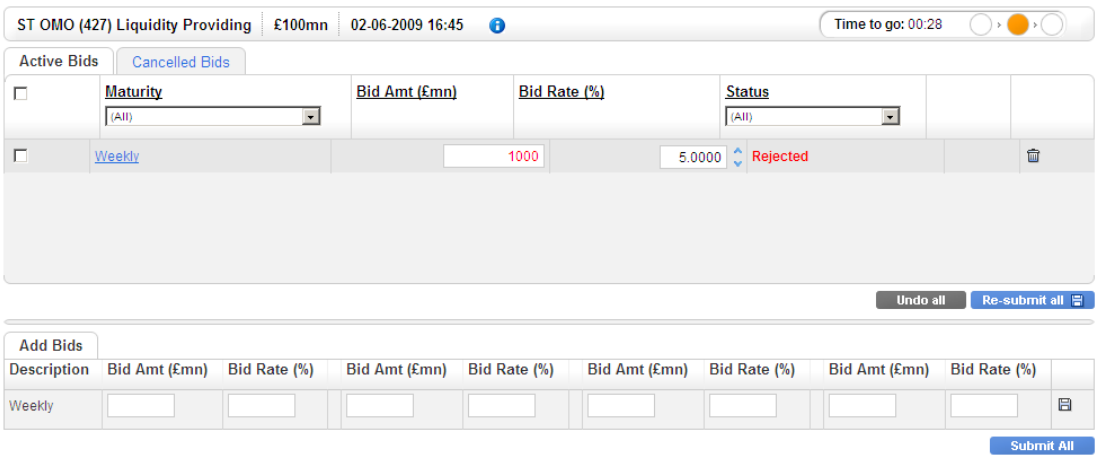
Error messages

Error messages in the adding bids section

Invalid entries in the add bid/offers section of the bidding screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid bids cannot be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping.

Error messages in viewing and editing section

When bids are submitted they pass through a number of validation checks. These ensure that the bid does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed). If a bid breaches any of the Bank's limits it **will be automatically given a status of rejected** and the screen below will appear. The bid may be edited and resubmitted.


ST OMO (427) Liquidity Providing £100mn 02-06-2009 16:45
Time to go: 00:28
Active Bids Cancelled Bids
Maturity Bid Amt (£mn) Bid Rate (%) Status
(All) (All)
Weekly 1000 5.0000 Rejected
Undo all Re-submit all
Add Bids
Description Bid Amt (£mn) Bid Rate (%) Bid Amt (£mn) Bid Rate (%) Bid Amt (£mn) Bid Rate (%) Bid Amt (£mn) Bid Rate (%)
Weekly
Submit All

Error messages for Short Term Repo

Error message	Explanation
You must enter numeric data only. Numbers up to 999999 up to X decimal places allowed. Negative numbers are not permitted.	You have either entered non numeric data (e.g. letters) or too many decimal places. Amend input and resubmit.
Bid amount is less than min amount	Bid submitted is below the minimum bid amount for this operation. Refer to Operational Documentation or operation details for minimum amounts.
Bid exceeds maximum allowable amount	Bid submitted is above the maximum bid amount for this operation.
Bid exceeds maturity target amount	Bid is greater than operation size.

Results (screen print below)

The results for each operation will be released after bids have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

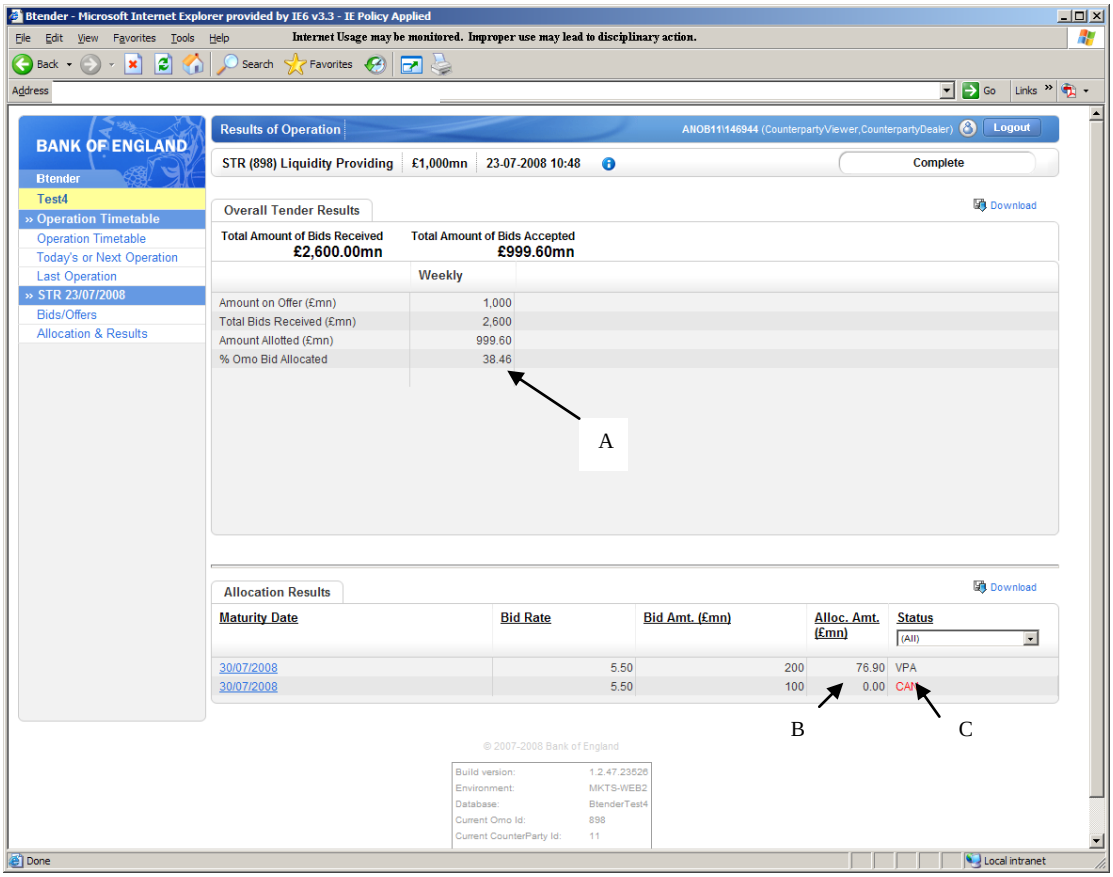
If the allocation and results link is selected prior to the results publication the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcements and include the total amount of bids received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the bid submitted by the counterparty and the allocation obtained (B). Any cancelled bids will also be displayed. The history for the bid is available by clicking on the underlined text in the Maturity Date column. The abbreviations in the status column (C) stand for the following:

VFA – valid bid fully allocated
VPA – valid bid partially allocated
VUA – valid bid unallocated
CAN – cancelled bid
REJ – rejected bid

The screen contains download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).



Fine tune repo OMOs

The bidding process for fine tune operations is identical to that for weekly repos. For bidding instructions and screen print references please refer to the weekly repo section. These guidelines apply for both liquidity providing and reserves draining operations. In the former the Bank is lending cash at Bank Rate and taking collateral. In the latter the Bank is borrowing cash at Bank Rate and providing collateral. The nature of the operation will be made clear in the pre-operation and wire services announcements.

8) Indexed Long-term repo OMOs

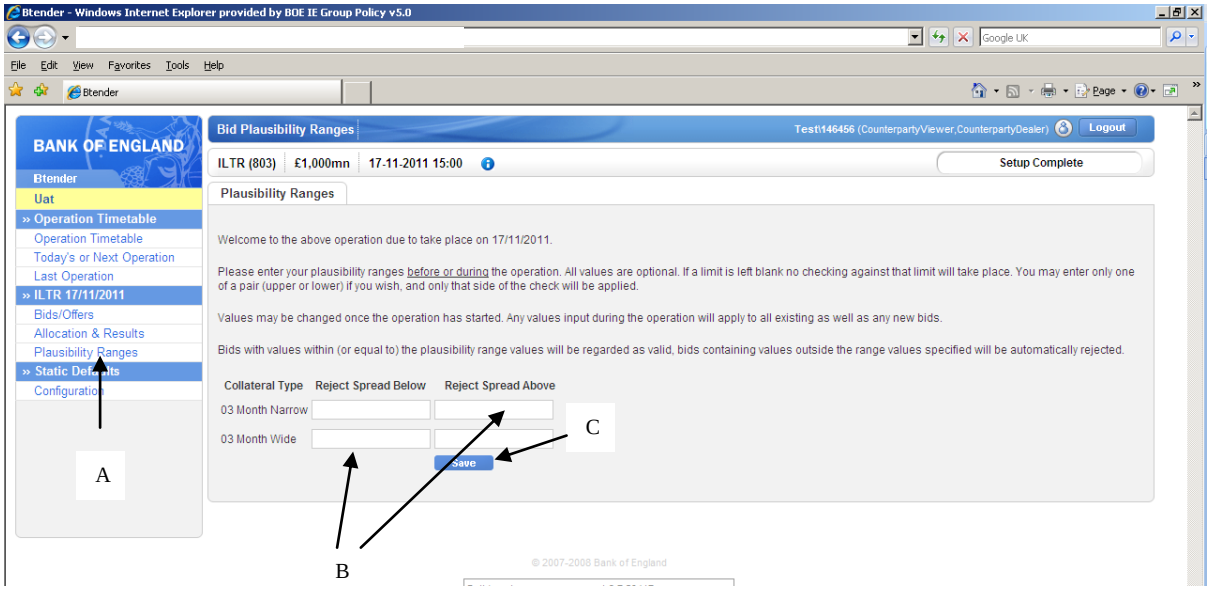
Setting plausibility ranges (screen print below)

The system allows users to set their own rate plausibility ranges (at counterparty level i.e. the ranges apply to anyone bidding for that counterparty in that operation) for each maturity. Any bids submitted with spreads which exceed the upper plausibility limit or are below the lower plausibility limit will be rejected automatically.

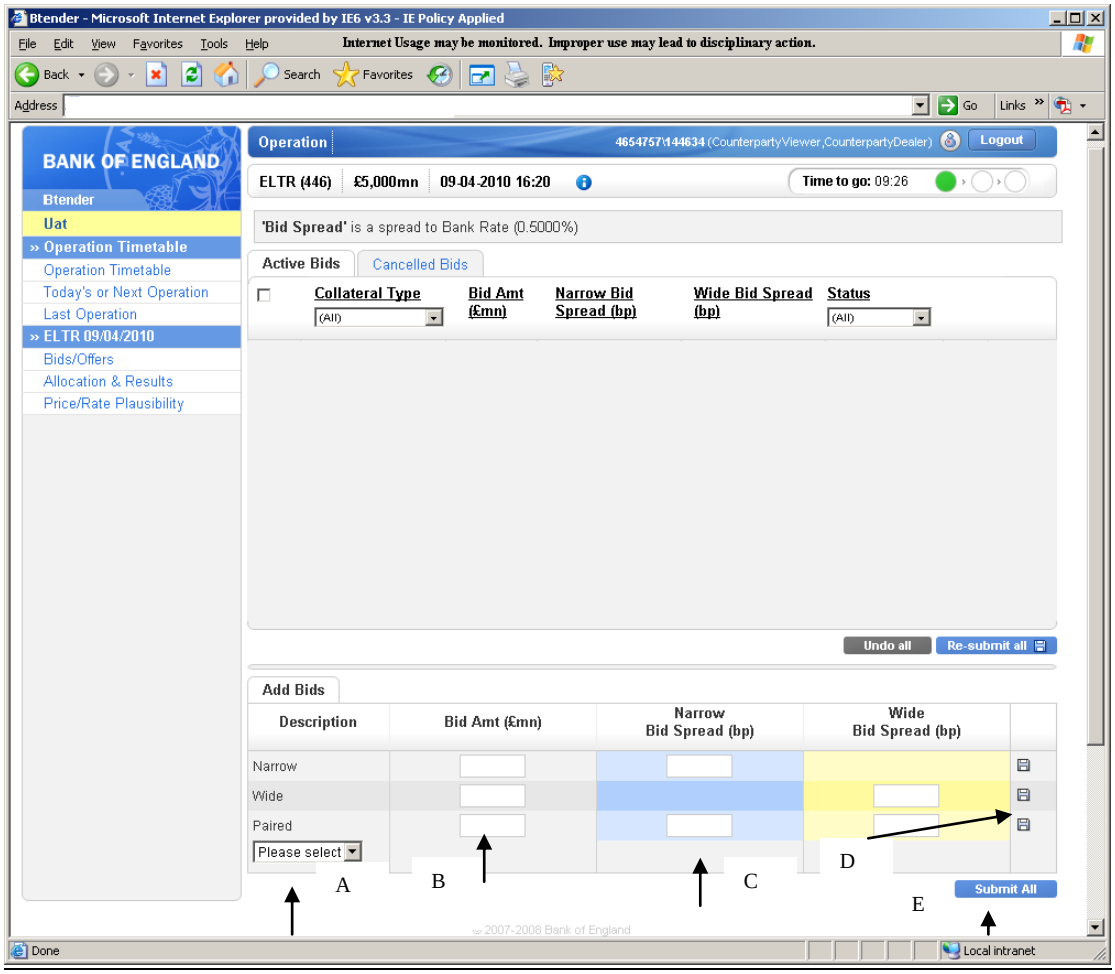
User-set plausibility ranges are optional – if no plausibility ranges are input the Bank plausibility ranges will apply (the Bank plausibility rates will apply whether or not user plausibility rates are set and are set to catch obvious input errors so are relatively wide). **If the user decides to set plausibility ranges they must be set on the day of the tender**. Values may be changed once the operation has started. Any value input during the operation will apply to all existing as well as any new bids.

To set plausibility ranges:

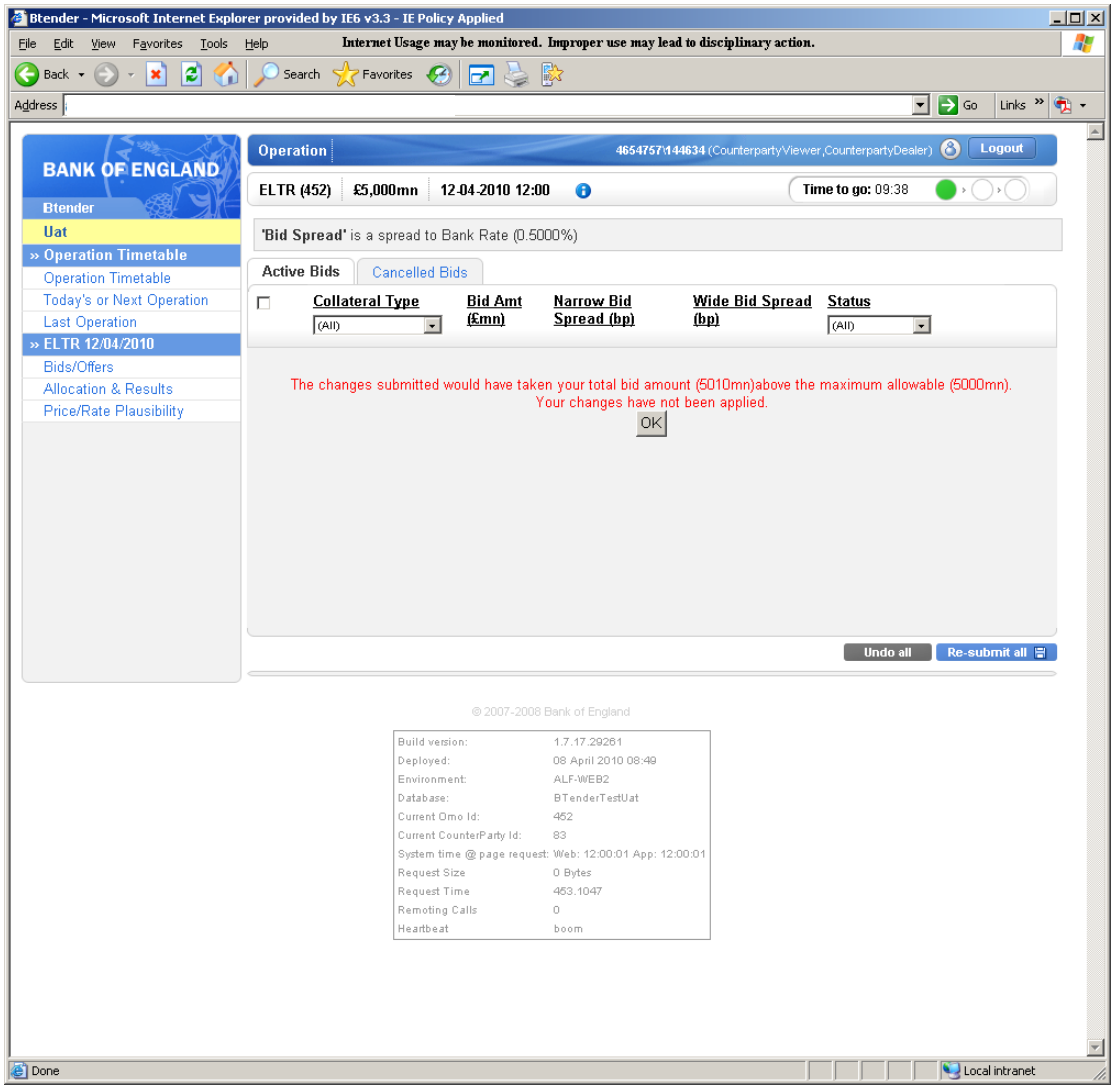
8. Select the operation in the timetable screen by clicking on the operation link.
9. Select the Plausibility Ranges link from the left hand menu (A).
10. Enter the reject spread below and reject spread above for each maturity in the boxes provided (B). The spread is to Bank Rate. Bids with values equal to the plausibility range values will be accepted as valid.
11. The number of decimal places allowed is equal to the number of decimal places allowed for the bid rate (set out in the Operational Documentation).
12. If an invalid value is entered in the box (for example, text or a value with too many decimal places) the field will be highlighted in red and an error message will be provided. The error must be corrected before the plausibility rates can be saved.
13. Press the 'save changes' button (C).
14. The rates can be changed at any time by overtyping the saved values and pressing 'save changes'.


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
BANK OF ENGLAND
Btender
Uat
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» ILTR 17/11/2011
Bids/Offers
Allocation & Results
Plausibility Ranges
Configuration
Bid Plausibility Ranges
Test\146456 (CounterpartyViewer,CounterpartyDealer)
Logout
ILTR (803)
£1,000mn
17-11-2011 15:00
Setup Complete
Plausibility Ranges
Welcome to the above operation due to take place on 17/11/2011.
Please enter your plausibility ranges before or during the operation. All values are optional. If a limit is left blank no checking against that limit will take place. You may enter only one of a pair (upper or lower) if you wish, and only that side of the check will be applied.
Values may be changed once the operation has started. Any values input during the operation will apply to all existing as well as any new bids.
Bids with values within (or equal to) the plausibility range values will be regarded as valid, bids containing values outside the range values specified will be automatically rejected.
Collateral Type
Reject Spread Below
Reject Spread Above
03 Month Narrow
03 Month Wide
Save
A
B
C

Adding bids



1. Once an operation has started the bidding screen can be selected by clicking the link corresponding to the operation in the timetable.
2. It is possible to submit bids for more than one collateral type at a time. To do this select the maturities required from the drop down list and enter bids as required in the boxes provided (A).
3. Enter the amount (in £mn) (B) and spread (C) for each bid. The minimum bid amount and increment are shown in the OMO details.
4. There are two ways to submit bids to the Bank once bid input is complete:
    a. To submit an **individual** bid click on the submit icon (D) displayed to the right of the row. Any other bids will remain in the add bids section.
    b. To submit **all** bids in the user should press the 'submit all' button (E). (NOTE: the submit all button submits bids for **all** narrow, wide and paired bids).
5. If the total of the bid amounts submitted exceeds the maximum allowable amount then an error message is presented (see screen print below). The maximum allowable bid amount is determined by the counterparty concentration limit (refer to Operational Documentation for further information). The user should click OK, adjust the bid amount(s) so they are less than or equal to the limit permitted and resubmit.



Viewing and editing bids (screen print below)

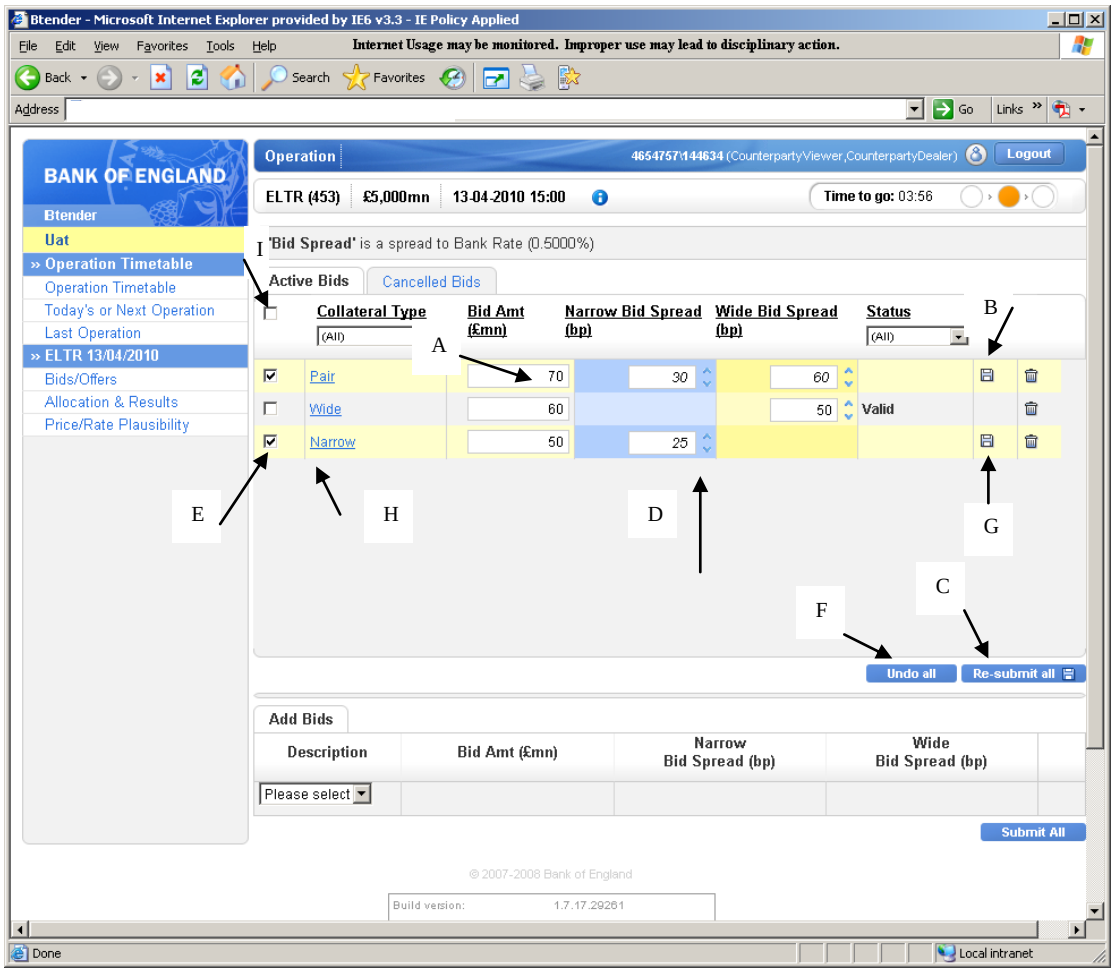
The submitted bid(s) will be displayed in the top section of the 'active bids' tab. The bid status at this point will either be valid or rejected. Valid bids have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

Rejected bids are those which have failed the Bank's or counterparty's validation criteria. If a bid is rejected the field(s) which have failed the validation criteria will be highlighted in red and the user can 'hover' over the field display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted bid (rejected or valid) may be edited in the top section of the screen as follows:

1. Overtype the bid amount and/or spread (A). A change to the bid will result in the revised amount being displayed in italics and the submit icon will appear on the right hand side of the screen (B).

2. The change can be resubmitted by either clicking on the submit icon to the right of the offer (B) OR by pressing the 'resubmit all' button (C). If a user leaves the screen (or the operation ends) without resubmitting then the changes will be lost and the original bid will stand.
3. Alternatively one or more spreads can be changed by using the 'spinner'. To use the spinner on a single bid click the up or down arrows next to the spread field (▼▲) (D) – each click will move the bid rate up or down by 1 basis point. The bid rate on multiple bids can be 'spun' at the same time. To do this **either** select the group of bids to be spun using the tick boxes (E) on the left hand side of the screen or select **all** bids using the top left tick box (I). Once the relevant bids have been selected click on the up or down arrow for **one** of the selected bids to move the rate for **all** selected bids concurrently. Once the bids have been resubmitted they are deselected (or bids can be deselected by un-ticking the relevant tick box).
4. Prior to resubmission, any changes made to bids in the top portion of the screen can be undone by pressing the 'undo all' button (F).
5. If the total of the bid amounts submitted exceeds the maximum allowable amount then an error message is presented (see screen print above). The maximum allowable bid amount is determined by the counterparty concentration limit (refer to Operational Documentation for further information). The user should click OK, adjust the bid amount(s) so they are less than or equal to the limit permitted and resubmit.



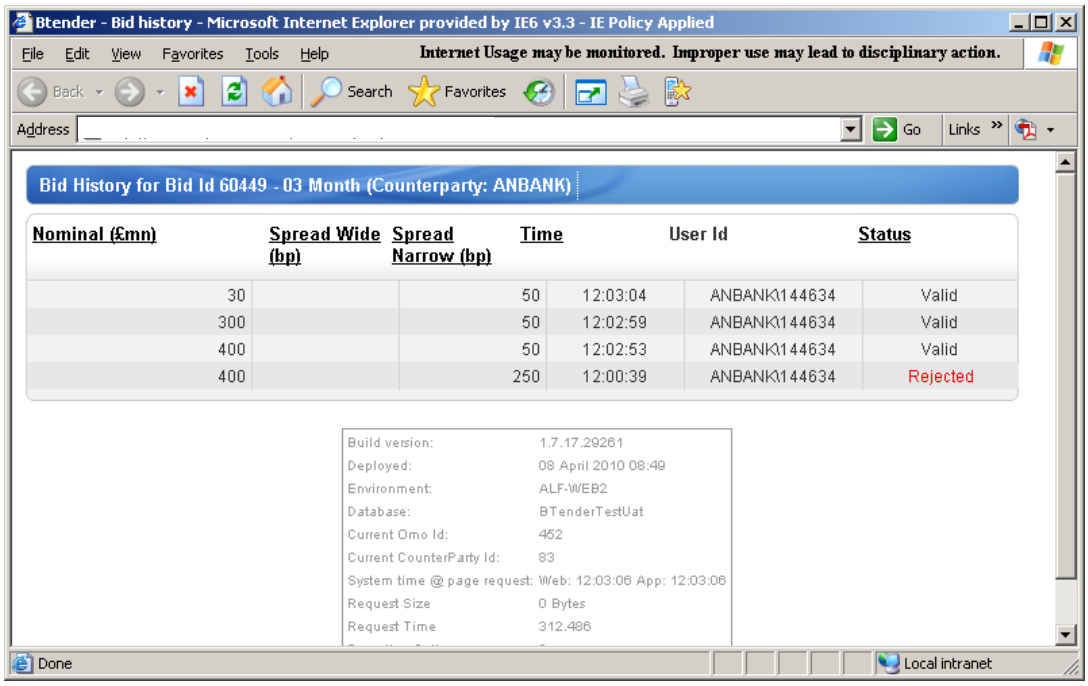
If a previously rejected bid meets the Bank's validation criteria after editing the status will be changed to valid. Conversely, if previously valid bids no longer meet the Bank's validation criteria after editing then they will be rejected.

Cancelling bid (screen print above)

To cancel a bid click on the rubbish bin icon (G above) corresponding to the bid. The cancelled bid will be removed from the active bids screen and placed on the cancelled bids screen (accessed via the cancelled bids tab). Cancelled bids may not be amended or resubmitted.

Bid History

A history log for each bid can be accessed by clicking the link in the collateral type column (H above). The bid history log provides a record of that bid from submission until completion of bidding, including any changes (example below).


Btender - Bid history - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
File Edit View Favorites Tools Help
Internet Usage may be monitored. Improper use may lead to disciplinary action.
Back Search Favorites
Address
Go Links
Bid History for Bid Id 60449 - 03 Month (Counterparty: ANBANK)
Nominal (£mn) | Spread Wide (bp) | Spread Narrow (bp) | Time | User Id | Status
30 | | 50 | 12:03:04 | ANBANK\144634 | Valid
300 | | 50 | 12:02:59 | ANBANK\144634 | Valid
400 | | 50 | 12:02:53 | ANBANK\144634 | Valid
400 | | 250 | 12:00:39 | ANBANK\144634 | Rejected
Build version: 1.7.17.29261
Deployed: 08 April 2010 08:49
Environment: ALF-WEB2
Database: BTenderTestUat
Current Omo Id: 452
Current CounterParty Id: 83
System time @ page request: Web: 12:03:06 App: 12:03:06
Request Size 0 Bytes
Request Time 312.486
Done
Local intranet

Error messages

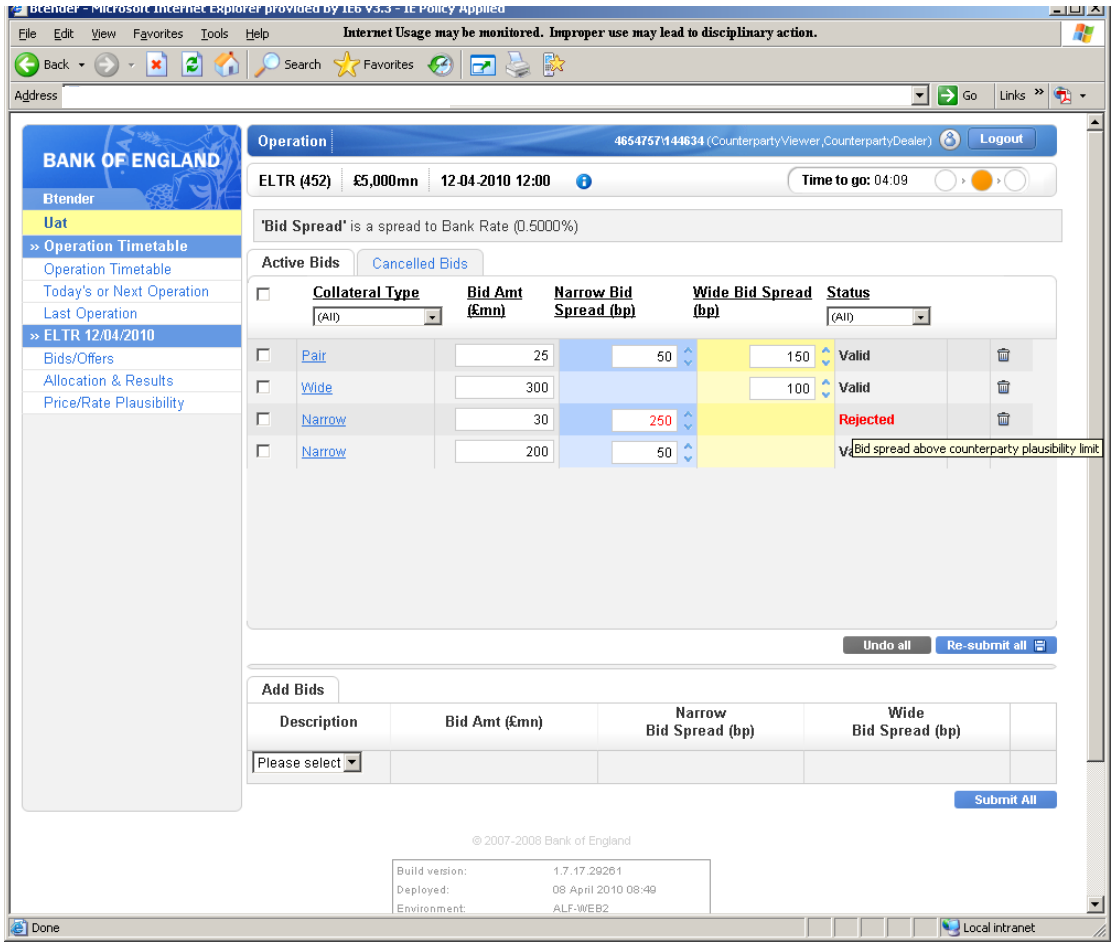
Error messages in the adding bids section

Invalid entries in the add bid/offers section of the bidding screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid bids cannot be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping.

Error messages in viewing and editing section

When bids are submitted they pass through a number of validation checks. These ensure that the bid does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed) and that basic input errors have not been made (e.g. entering a

spread of 900 instead of 90). If a bid breaches any of the Bank's or counterparty's limits or plausibility checks it **will be automatically given a status of rejected** and the text in the field containing the value that has failed the check will be red. The user can hover over the field to obtain an error message describing the reason for rejection see example below. The bid can then either be overtyped and resubmitted or cancelled. Resubmitted bids which no longer breach plausibility or Bank limits will be given a 'valid' status.



Error messages for Indexed LTR

Error message	Explanation
You must enter numeric data only. Numbers up to 999999 up to X decimal places allowed. Negative numbers are not permitted.	You have either entered non numeric data (e.g. letters) or too many decimal places. Amend input and resubmit.
Bid amount is less than min amount	Bid submitted is below the minimum bid amount for this operation. Refer to operating procedures or operation details for minimum amounts.
Bid exceeds max allowable amount	Bid(s) exceeds maximum amount allowable for this operation. For long term repo the maximum allowable amount refers applies to the **sum of all bids** submitted. The maximum allowable (sum of) bid amount is determined by the counterparty concentration limit – see Operational Documentation for further information
Spread above/below plausibility limit	Spread differs significantly from Bank limits. Check and re-enter rate.
Spread above/below counterparty plausibility limit	Spread entered exceeds or is below counterparty set plausibility limits.
Identical Bid (Warning Message Only)	The user has entered multiple bids with the same values. Identical bids are flagged for information in case they are a result of an input error. They are not rejected so one (or both) must either be cancelled or amended if input in error.

Results

The results for each operation will be released after bids have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

If the allocation and results link is selected prior to the publication of the operations results the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

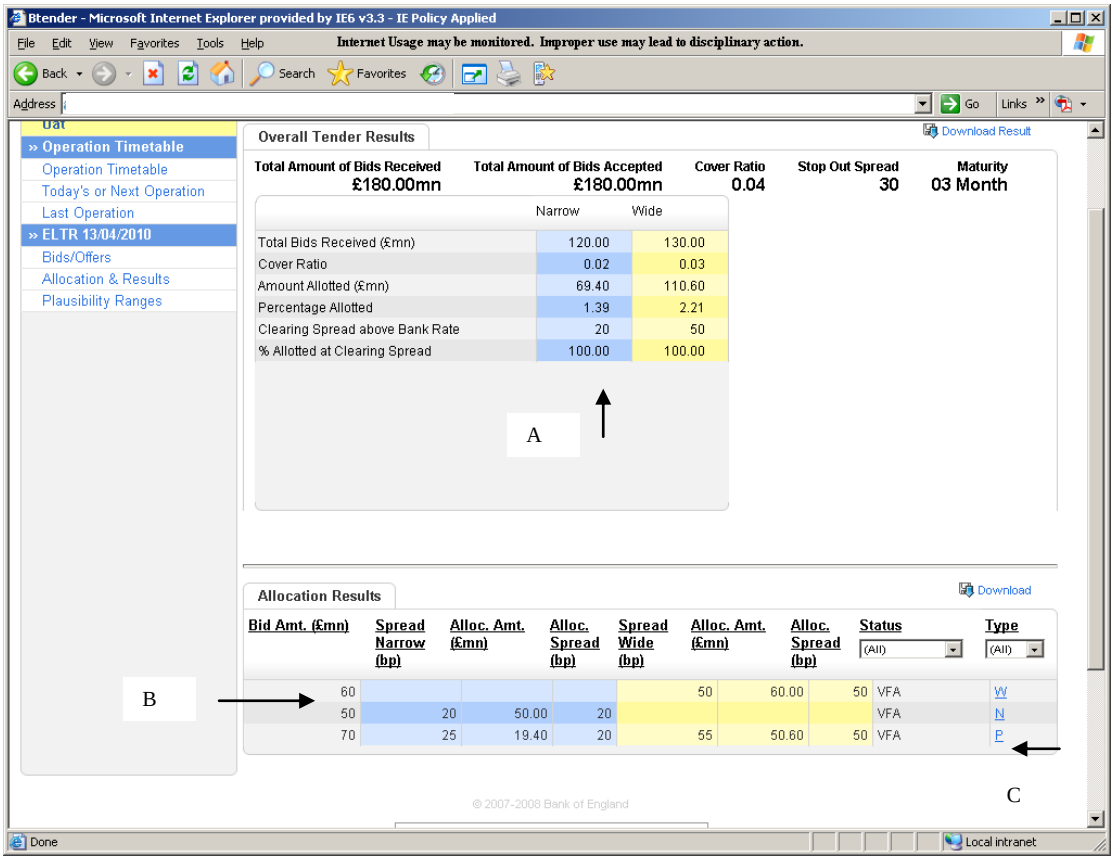
The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcements and include the total amount of bids received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the bid(s) submitted by the counterparty and the allocation obtained (B). Any cancelled bids will also be displayed. The history for the bid is available by clicking

on the underlined text in the collateral type column. The abbreviations in the status column (C) stand for the following:

VFA – valid bid fully allocated
VPA – valid bid partially allocated
VUA – valid bid unallocated
CAN – cancelled bid
REJ – rejected bid

The screen contains a download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).



9) Extended Collateral Term Repo

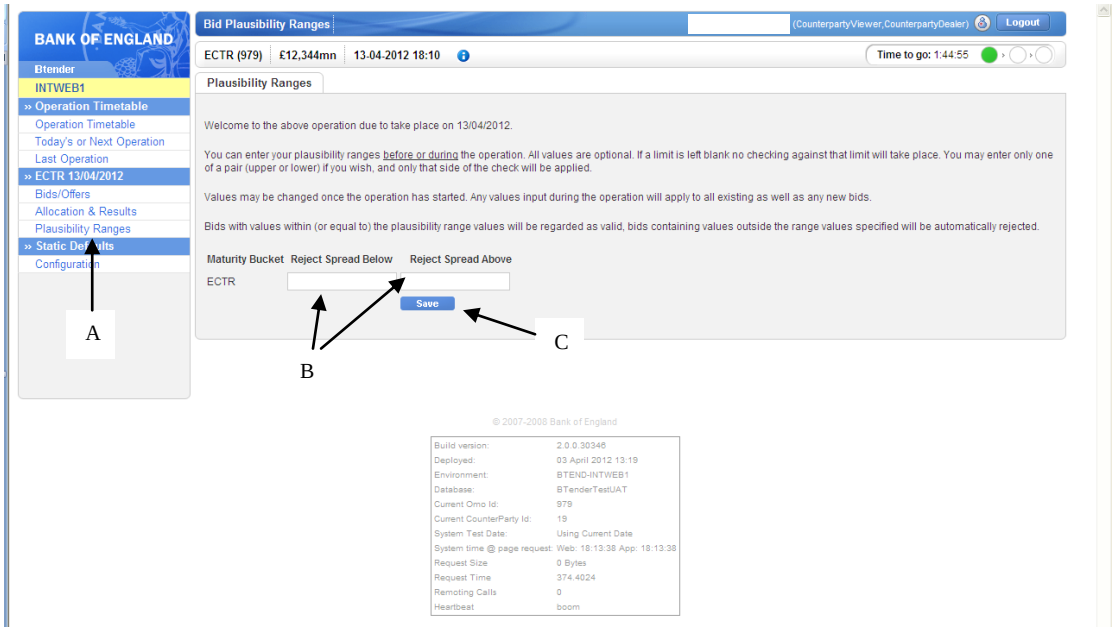
Setting plausibility ranges (screen print below)

The system allows users to set their own plausibility ranges for bids (at counterparty level i.e. the ranges apply to anyone bidding for that counterparty in that operation). Any bids submitted with spreads which exceed the upper plausibility limit or are below the lower plausibility limit will be rejected automatically.

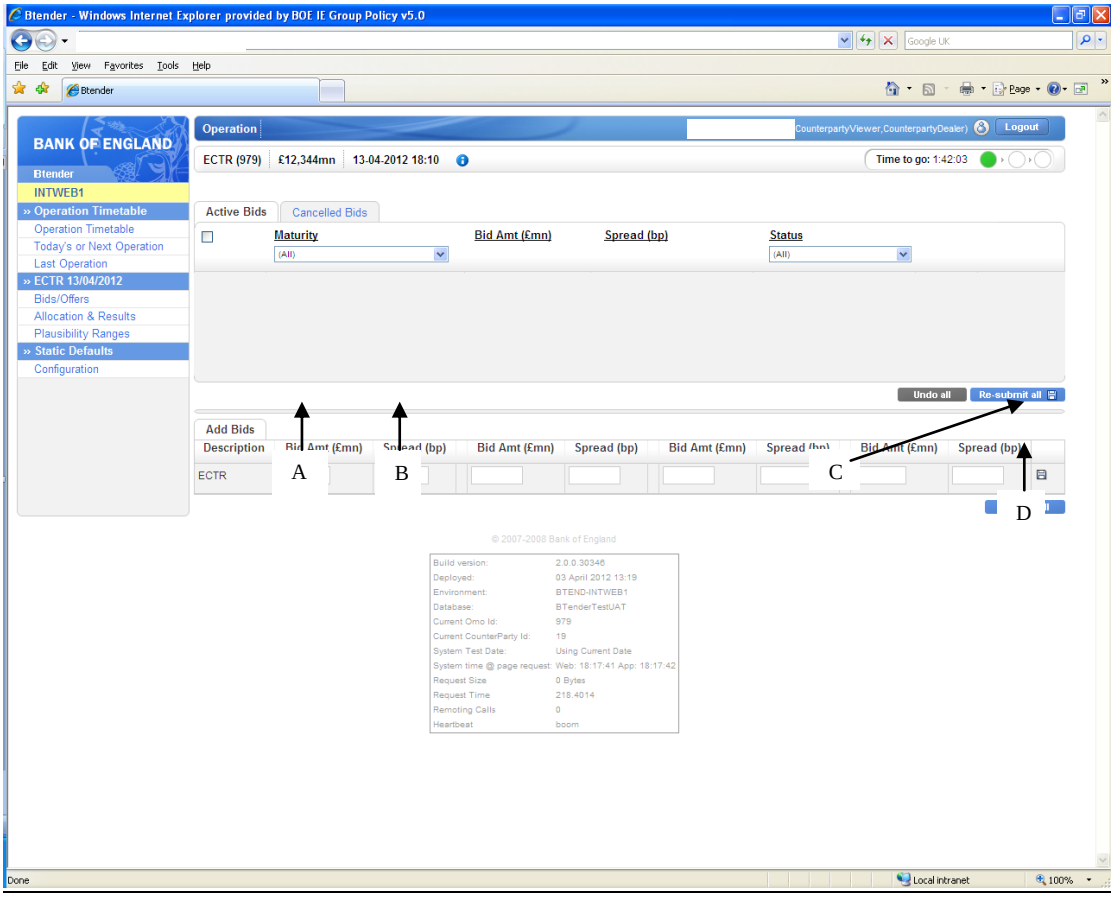
User-set plausibility ranges are optional – if no plausibility ranges are input the Bank plausibility ranges will apply (the Bank plausibility ranges will apply whether or not user plausibility ranges are set and are set to catch obvious input errors so are relatively wide). **If the user decides to set plausibility ranges they must be set on the day of the tender**. Values may be changed once the operation has started. Any value input during the operation will apply to all existing as well as any new bids.

To set plausibility ranges:

1. Select the operation in the timetable screen by clicking on the operation link.
2. Select the Plausibility Ranges link from the left hand menu (A).
3. Enter the reject spread below and reject spread above for each maturity in the boxes provided (B). The spread is to Bank Rate. Bids with values equal to the plausibility range values will be accepted as valid.
4. The number of decimal places allowed is equal to the number of decimal places allowed for the bid rate (set out in the Operational Documentation).
5. If an invalid value is entered in the box (for example, text or a value with too many decimal places) the field will be highlighted in red and an error message will be provided. The error must be corrected before the plausibility rates can be saved.
6. Press the 'save changes' button (C).
7. The rates can be changed at any time by overtyping the saved values and pressing 'save changes'.


BANK OF ENGLAND
Btender
INTWEB1
Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
ECTR 13/04/2012
Bids/Offers
Allocation & Results
Plausibility Ranges
Configuration
Bid Plausibility Ranges
Logout
ECTR (979)
£12,344mn
13-04-2012 18:10
Time to go: 1:44:55
Plausibility Ranges
Welcome to the above operation due to take place on 13/04/2012.
You can enter your plausibility ranges before or during the operation. All values are optional. If a limit is left blank no checking against that limit will take place. You may enter only one of a pair (upper or lower) if you wish, and only that side of the check will be applied.
Values may be changed once the operation has started. Any values input during the operation will apply to all existing as well as any new bids.
Bids with values within (or equal to) the plausibility range values will be regarded as valid, bids containing values outside the range values specified will be automatically rejected.
Maturity Bucket
Reject Spread Below
Reject Spread Above
ECTR
Save
A
B
C

Adding bids



1. Once an operation has started the bidding screen can be selected by clicking the link corresponding to the operation in the timetable.
2. Enter the amount (in £mn) (A) and spread (B) for each bid. The minimum bid amount and increment are shown in the operation details.
3. To submit the bid to the Bank, either click the submit icon to the right of the bid (C) OR the 'submit all' button at the bottom right of the screen (D).
4. If the total of the bid amounts submitted exceeds the maximum allowable amount then an error message is presented. The maximum allowable bid amount is determined by the counterparty concentration limit (refer to Operational Documentation for further information) and the Adjusted Market Value of collateral pre-positioned by a Participant in the DWF. The user should click OK, adjust the bid amount(s) so they are less than or equal to the limit permitted and resubmit.

Viewing and editing bids (screen print below)

The submitted bid(s) will be displayed in the top section of the 'active bids' tab. The bid status at this point will either be valid or rejected. Valid bids have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

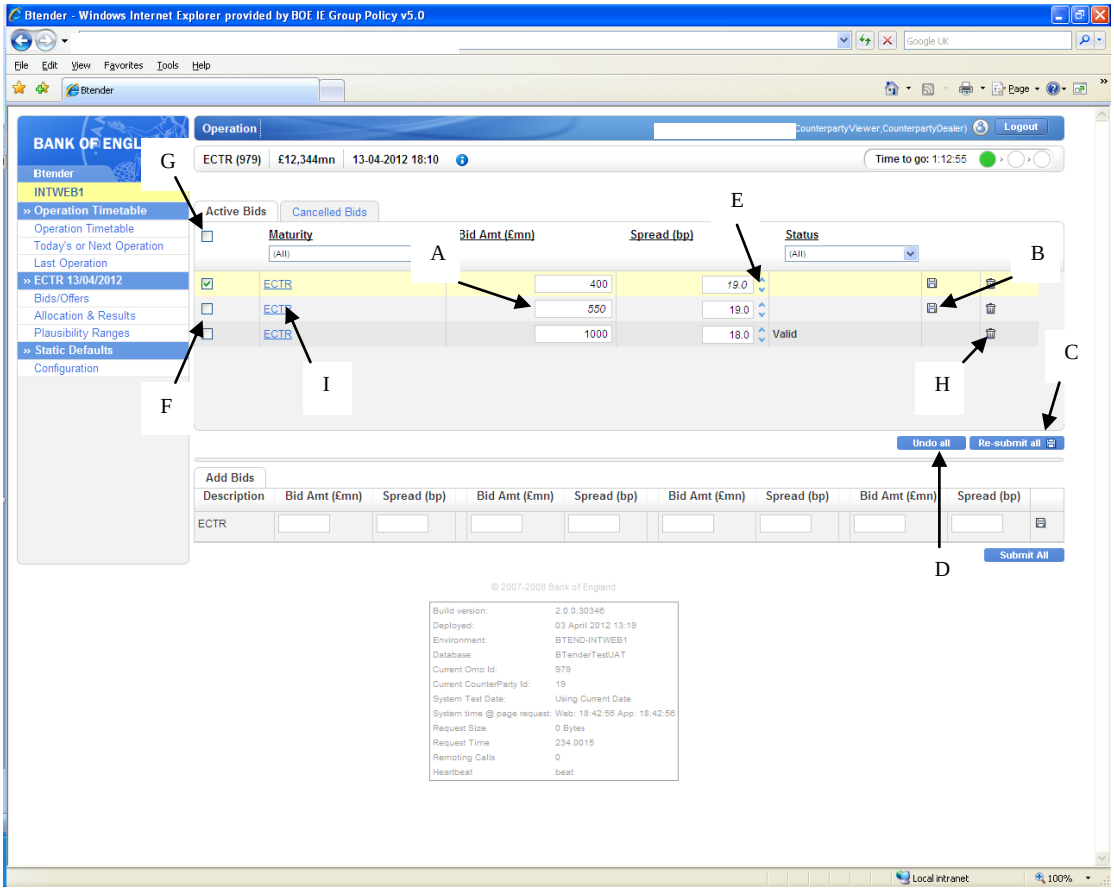
Rejected bids are those which have failed the Bank's or counterparty's validation criteria. If a bid is rejected the field(s) which have failed the validation criteria will be

highlighted in red and the user can 'hover' over the field display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted bid (rejected or valid) may be edited in the top section of the screen as follows:

1. Overtype the bid amount (A). A change to the bid will result in the revised amount being displayed in italics and the "submit" icon appearing on the right hand side of the screen (B). The status will go blank until the bid is resubmitted.
2. The change can be resubmitted by either clicking on the submit icon to the right of the bid (B) OR by pressing the 'resubmit all' button (C). If a user leaves the screen (or the operation ends) without resubmitting then the changes will be lost and the original bid will stand. Prior to resubmission, any changes made in the top portion of the screen can be undone by pressing the 'undo all' button (D).
3. Alternatively one or more spreads can be changed by using the 'spinner'. To use the spinner on a single bid click the up or down arrows next to the spread field (▼▲) (E) – each click will move the bid rate up or down by 1 basis point. The bid rate on multiple bids can be 'spun' at the same time. To do this **either** select the group of bids to be spun using the tick boxes (F) on the left hand side of the screen or select **all** bids using the top left tick box (G). Once the relevant bids have been selected click on the up or down arrow for **one** of the selected bids to move the rate for **all** selected bids concurrently. Once the bids have been resubmitted they are deselected (or bids can be deselected by un-ticking the relevant tick box).
4. Prior to resubmission, any changes made to bids in the top portion of the screen can be undone by pressing the 'undo all' button (D).
5. If the total of the bid amounts submitted exceeds the maximum allowable amount then an error message is presented. The user should click OK, adjust the bid amount(s) so they are less than or equal to the limit permitted and resubmit.

If a previously rejected bid meets the Bank's validation criteria after editing, the status will be changed to valid. Conversely if a previously valid bid no longer meets the Bank's validation criteria after editing it will be rejected.

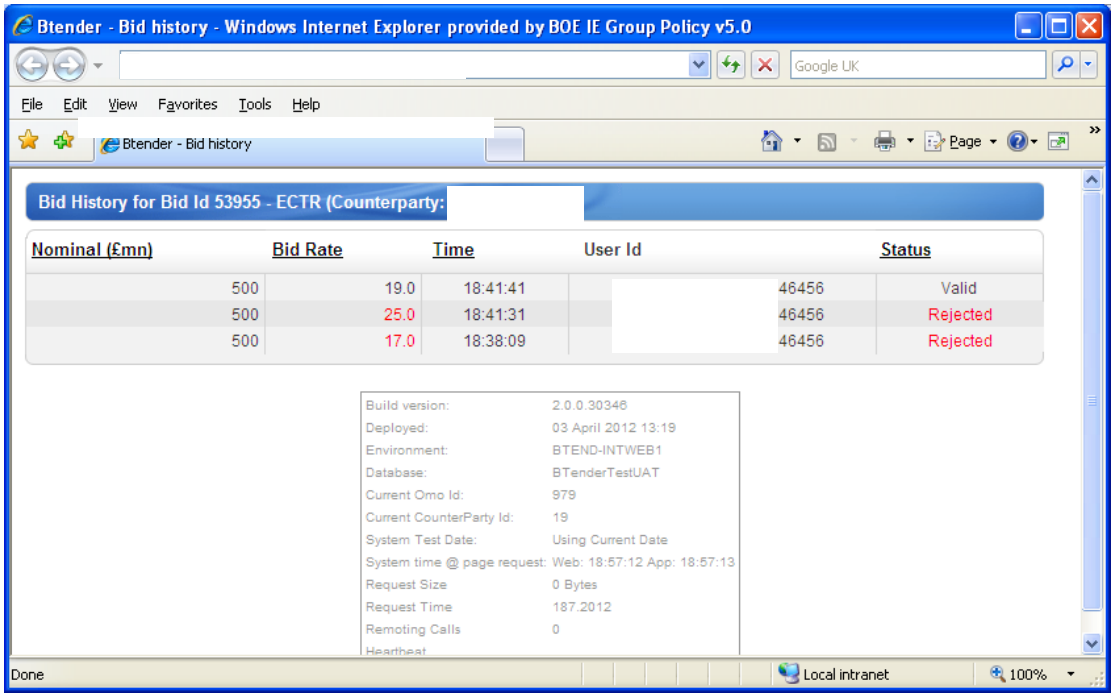


Cancelling bid (screen print above)

To cancel a bid click on the rubbish bin icon (H above) corresponding to the bid. The cancelled bid will be removed from the active bids screen and placed on the cancelled bids screen (accessed via the cancelled bids tab). Cancelled bids may not be amended or reinstated.

Bid History

A history log for each bid can be accessed by clicking the link in the collateral type column (I above). The bid history log provides a record of that bid from submission until completion of bidding, including any changes (example below).


Btender - Bid history - Windows Internet Explorer provided by BOE IE Group Policy v5.0
File Edit View Favorites Tools Help
Btender - Bid history
Bid History for Bid Id 53955 - ECTR (Counterparty:
Nominal (£mn) Bid Rate Time User Id Status
500 19.0 18:41:41 46456 Valid
500 25.0 18:41:31 46456 Rejected
500 17.0 18:38:09 46456 Rejected
Build version: 2.0.0.30346
Deployed: 03 April 2012 13:19
Environment: BTEND-INTWEB1
Database: BTenderTestUAT
Current Omo Id: 979
Current CounterParty Id: 19
System Test Date: Using Current Date
System time @ page request: Web: 18:57:12 App: 18:57:13
Request Size 0 Bytes
Request Time 187.2012
Remoting Calls 0
Done
Local intranet
100%

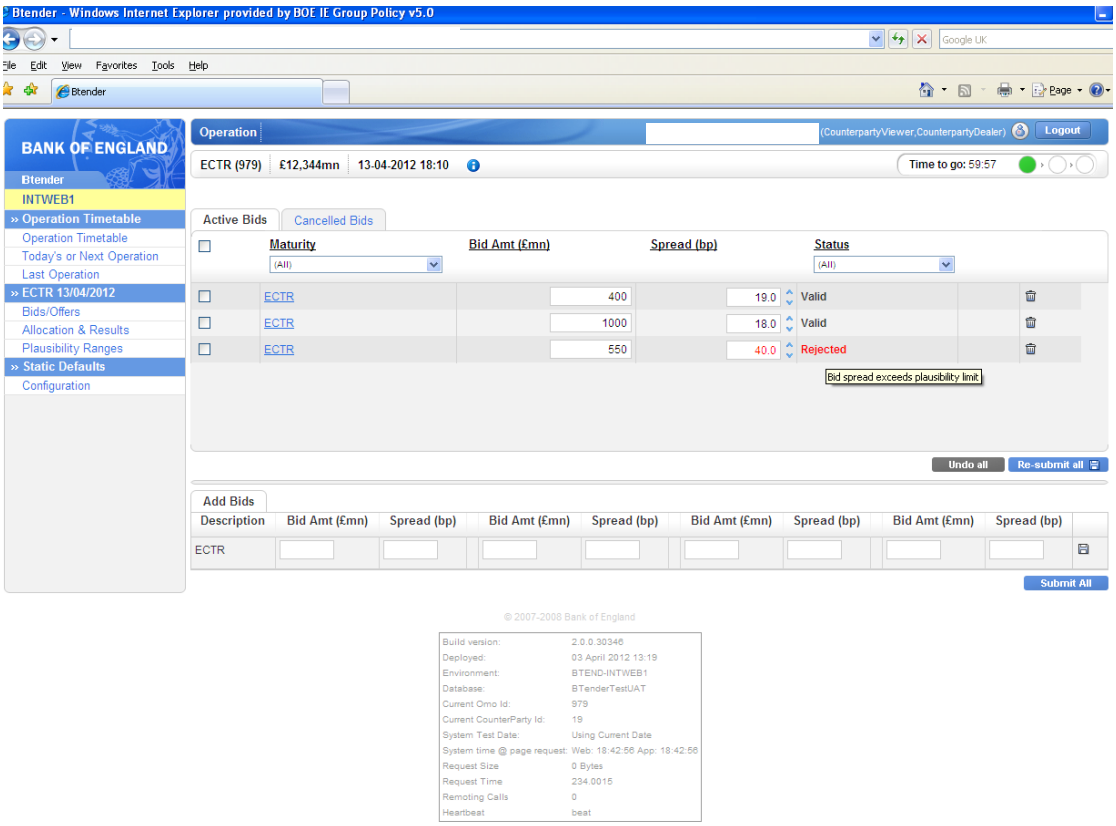
Error messages

Error messages in the adding bids section

Invalid entries in the add bid/offers section of the bidding screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field (screen print below). Invalid bids can not be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping.

Error messages in viewing and editing section

When bids are submitted they pass through a number of validation checks. These ensure that the bid does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed) and that basic input errors have not been made (e.g. entering a spread of 900 instead of 90). If a bid breaches any of the Bank's or counterparty's limits or plausibility checks it **will be automatically given a status of rejected** and the text in the field containing the value that has failed the check will be red. The user can hover over the field to obtain an error message describing the reason for rejection see example below. The bid can then either be overtyped and resubmitted or cancelled. Resubmitted bids which no longer breach plausibility or Bank limits will be given a 'valid' status.



© 2007-2008 Bank of England
Build version: 2.0.0.30346
Deployed: 03 April 2012 13:19
Environment: BTEND-INTWEB1
Database: BTenderTestUAT
Current Omo Id: 979
Current CounterParty Id: 19
System Test Date: Using Current Date
System time @ page request: Web: 18:42:56 App: 18:42:56
Request Size 0 Bytes
Request Time 234.0015
Remoting Calls 0
Heartbeat beat

Error messages for ECTR

Error message	Explanation
You must enter numeric data only. Numbers up to 999999 up to X decimal places allowed. Negative numbers are not permitted.	You have either entered non numeric data (e.g. letters) or too many decimal places. Amend input and resubmit.
Bid amount is less than min amount	Bid submitted is below the minimum bid amount for this operation. Refer to operating procedures or operation details for minimum amounts.
Bid exceeds max allowable amount	Bid(s) exceeds maximum amount allowable for this operation. For ECTR the maximum allowable amount refers applies to the **sum of all bids** submitted. The maximum allowable (sum of) bid amount is determined by the counterparty concentration limit – see latest ECTR market notice for further information
Bid exceeds value of pre positioned collateral	Bids in excess of the total Adjusted Market Value of collateral pre positioned by a Participant in the DWF at close of business on the day before the auction.
Spread above/below plausibility limit	Spread differs significantly from Bank limits. Check and re-enter bid.
Spread above/below counterparty plausibility limit	Spread entered exceeds or is below counterparty set plausibility limits.
Identical Bid ⚠ (Warning Message Only)	The user has entered multiple bids with the same values. Identical bids are flagged for information in case they are a

	result of an input error. They are not rejected so one (or both) must either be cancelled or amended if input in error.

Results

The results for each operation will be released after bids have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

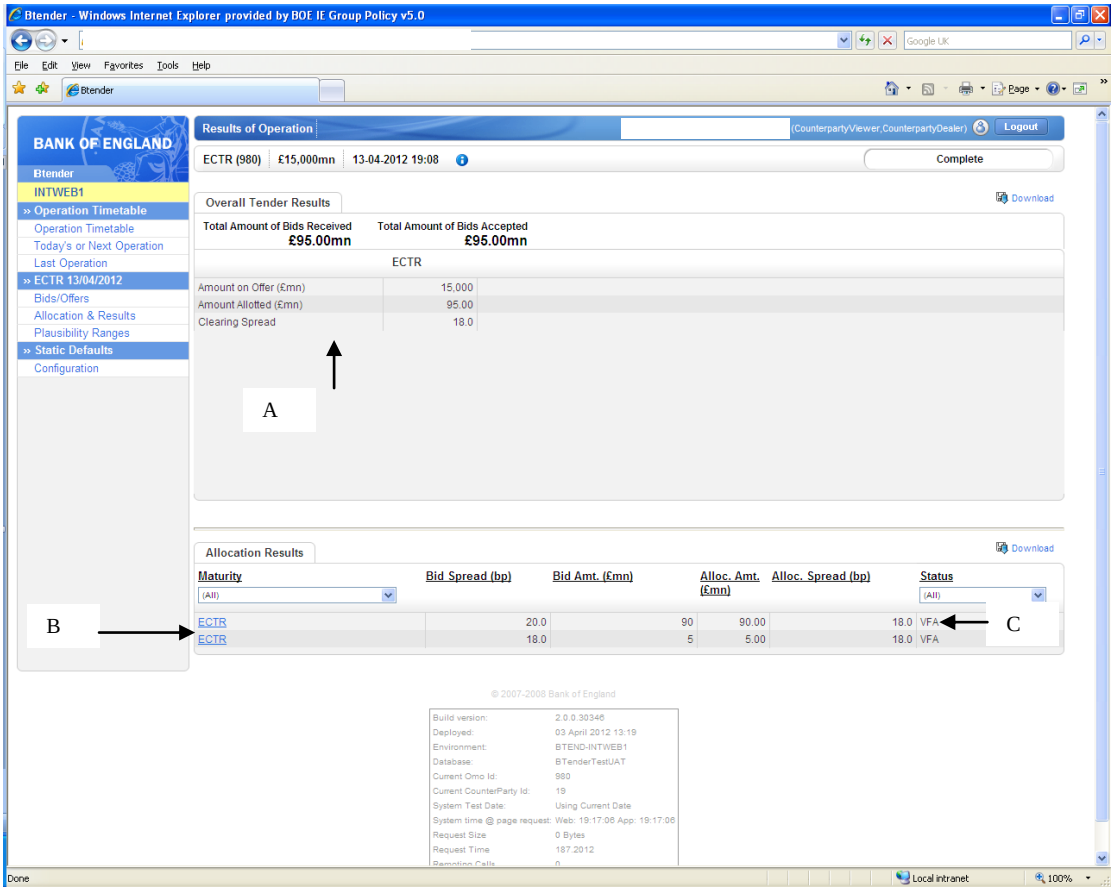
If the allocation and results link is selected prior to the publication of the operations results the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcement and include the total amount of bids accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the bid(s) submitted by the counterparty and the allocation obtained (B). Any cancelled bids will also be displayed. The history for the bid is available by clicking on the underlined text in the maturity column. The abbreviations in the status column (C) stand for the following:

VFA – valid bid fully allocated
VPA – valid bid partially allocated
VUA – valid bid unallocated
CAN – cancelled bid
REJ – rejected bid

The screen contains a download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
BANK OF ENGLAND
Btender
INTWEB1
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» ECTR 13/04/2012
Bids/Offers
Allocation & Results
Plausibility Ranges
» Static Defaults
Configuration
Results of Operation
Logout
ECTR (980)
£15,000mn
13-04-2012 19:08
Complete
Overall Tender Results
Download
Total Amount of Bids Received
£95.00mn
Total Amount of Bids Accepted
£95.00mn
ECTR
Amount on Offer (£mn) 15,000
Amount Allotted (£mn) 95.00
Clearing Spread 18.0
A
Allocation Results
Download
Maturity
Bid Spread (bp)
Bid Amt. (£mn)
Alloc. Amt. (£mn)
Alloc. Spread (bp)
Status
ECTR 20.0 90 90.00 18.0 VFA
ECTR 18.0 5 5.00 18.0 VFA
B
C
Done
Local intranet
100%

10) Gilt Purchases (SMF and APF)

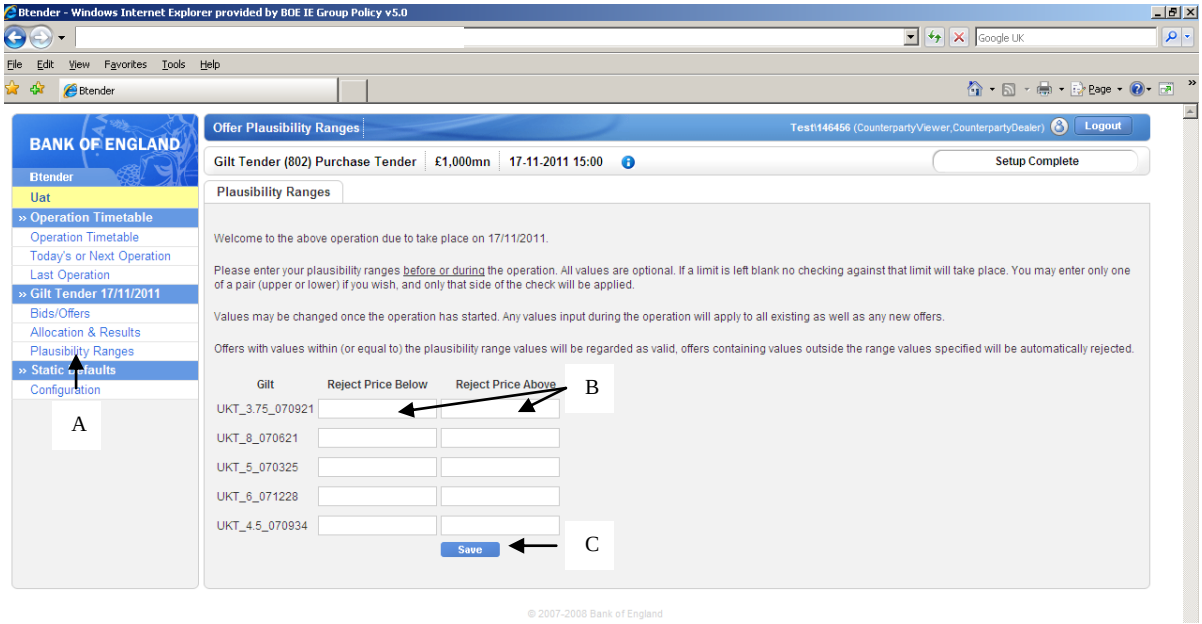
Setting plausibility ranges

The system allows users to set their own price plausibility ranges (at counterparty level i.e. the ranges apply to anyone offering for that counterparty in that operation) for each gilt that the Bank is offering to purchase in an operation. Any offers submitted with yields which exceed the upper plausibility limit or are below the lower plausibility limit will be rejected automatically.

User set plausibility ranges are optional – if no plausibility ranges are input the Bank plausibility ranges will apply (the Bank plausibility prices will apply whether or not user plausibility yields are set and are set to catch obvious input errors, so are relatively wide.) **If the user decides to set plausibility ranges they must be set on the day of the tender.** Values may be changed once the operation has started. Any value input during the operation will apply to all existing as well as any new bids.

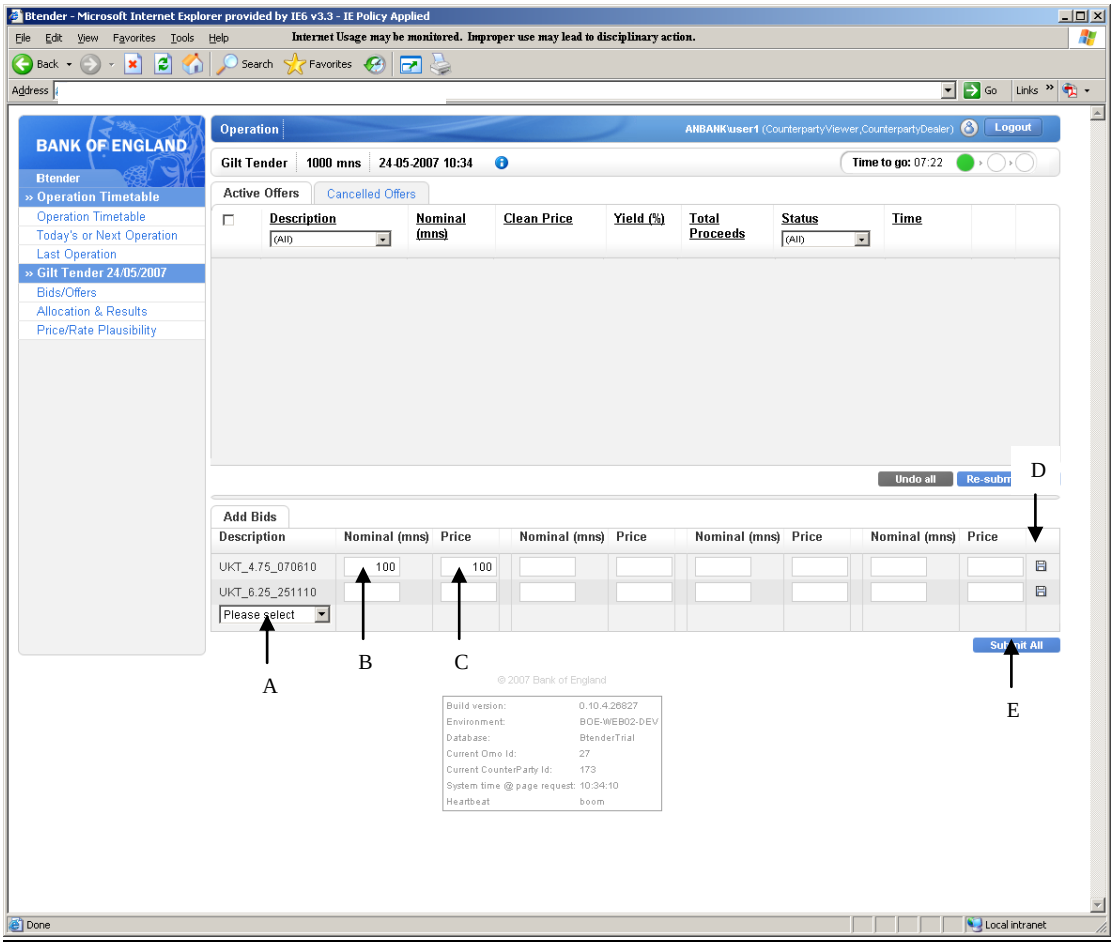
To set plausibility ranges:

1. Select the operation in the timetable screen by clicking on the operation link.
2. Select the Plausibility Ranges plausibility link from the left hand menu (A).
3. Enter the reject clean price below and reject clean price above for each gilt in the boxes provided (B). The absolute price must be entered (it is not a margin to a central value). For example, entering a lower price of 99 and an upper price of 101 means that bids with price s below 99 or above 101 are rejected. Offers with values equal to the plausibility range values will be accepted as valid.
4. The number of decimal places allowed is equal to the number of decimal places allowed for the offer price (set out in the Operational Documentation).
5. If an invalid value is entered in the box (for example, text or a value with too many decimal places) the field will be highlighted in red and an error message will be provided. The error must be corrected before the plausibility ranges can be saved.
6. Press the 'save changes' button (C).
7. The prices can be changed at any time by overtyping the saved values and pressing 'save changes'.


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
BANK OF ENGLAND
Btender
Uat
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» Gilt Tender 17/11/2011
Bids/Offers
Allocation & Results
Plausibility Ranges
Configuration
A
Offer Plausibility Ranges
Test\146456 (CounterpartyViewer,CounterpartyDealer)
Logout
Gilt Tender (802) Purchase Tender
£1,000mn
17-11-2011 15:00
Setup Complete
Plausibility Ranges
Welcome to the above operation due to take place on 17/11/2011.
Please enter your plausibility ranges before or during the operation. All values are optional. If a limit is left blank no checking against that limit will take place. You may enter only one of a pair (upper or lower) if you wish, and only that side of the check will be applied.
Values may be changed once the operation has started. Any values input during the operation will apply to all existing as well as any new offers.
Offers with values within (or equal to) the plausibility range values will be regarded as valid, offers containing values outside the range values specified will be automatically rejected.
Gilt
Reject Price Below
Reject Price Above
B
UKT_3.75_070921
UKT_8_070621
UKT_5_070325
UKT_6_071228
UKT_4.5_070934
Save
C
© 2007-2008 Bank of England

Adding offers (screen print below)

2. Once an operation has started the offering screen can be selected by clicking the operation link in the timetable.
3. Multiple offers for each gilt may be submitted. To offer for a particular gilt select that gilt from the drop down box at the bottom of the screen (A). As a default the system will display entry boxes for four offers (boxes can be left blank).
4. It is possible to submit offers for more than one gilt at a time. To do this select the gilts required from the drop down list and enter offers as required in the boxes provided.
5. Enter the amount (in £ nominal mn) (B) and clean price (£) (C) for each offer. The minimum offer amount and increment are shown in the operation details.
6. There are two ways to submits offers to the Bank once offer input is completed:
    a. To submit offers for an **individual** gilt click on the submit icon (D) displayed to the right of the row. Only the offers in that row will be submitted. Offers for other gilts will remain in the add offers section.
    b. To submit **all** offers in the user should press the 'submit all' button (E). (NOTE: the submit all button submits offers for **all** gilts).



Viewing and editing offers (screen print below)

The submitted offers will be displayed in the top section of the 'active offers' tab. The offer status at this point will either be valid or rejected. Valid offers have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

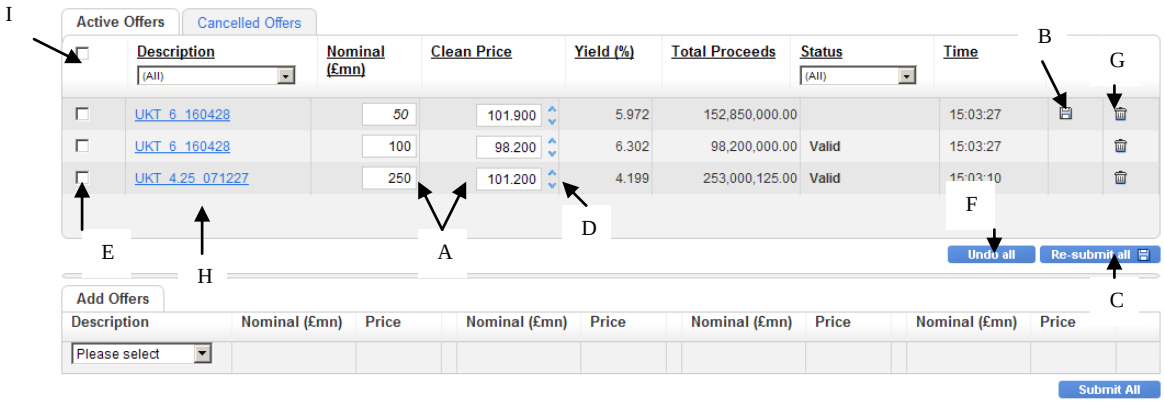
Rejected offers are those which have failed the Bank's validation criteria. If an offer is rejected the field(s) failing the validation criteria will be highlighted in red and the user can 'hover' over the field display a pop up box which details the reason for the rejection. See the errors section for further detail.

The system will automatically calculate the total proceeds for the offer based on the nominal amount and clean price submitted; the formula is shown in annex 2. The price associated with the price entered is also calculated in line with DMO guidelines[3] and displayed on screen. The price is a read only field and cannot be changed by the user.

Any submitted offer (rejected or valid) may be edited in the top section of the screen as follows:

[3] Refer to http://www.dmo.gov.uk/documentview.aspx?docname=giltsmarket/formulae/yldeqns.pdf&page=Gilts/Formulae.
(page 5)

1. Overtype the offer amount and/or clean price (A). A change to the offer will result in the revised amount/price being displayed in italics and the submit icon will appear on the right hand side of the screen (B). The status will go blank until the offer is resubmitted.
2. The change can be resubmitted by either clicking on the submit icon to the right of the offer (B) OR by pressing the 'resubmit all' button (C). If a user leaves the screen (or allows the operation to end) without resubmitting then the changes will be lost and the original offer will stand.
3. Alternatively one or more offer price fields can be changed by using the 'spinner'. To use the spinner on a single offer click the up or down arrows ( ) next to the price field (D) – each click will move the offer price up or down by 0.001. The price on multiple offers can be 'spun' at the same time. To do this **either** select the group of offers to be spun using the tick boxes (E) on the left hand side of the screen or select **all** offers using the top left tick box (I). Once the relevant offers have been selected click on the up or down arrow for **one** of the selected offers to move the rate for **all** selected offers concurrently. Once the offers have been resubmitted they are deselected (or offers can be deselected by un-ticking the relevant tick box).
4. Prior to resubmission, any changes made to offers in the top portion of the screen can be undone by pressing the 'undo all' button (F).



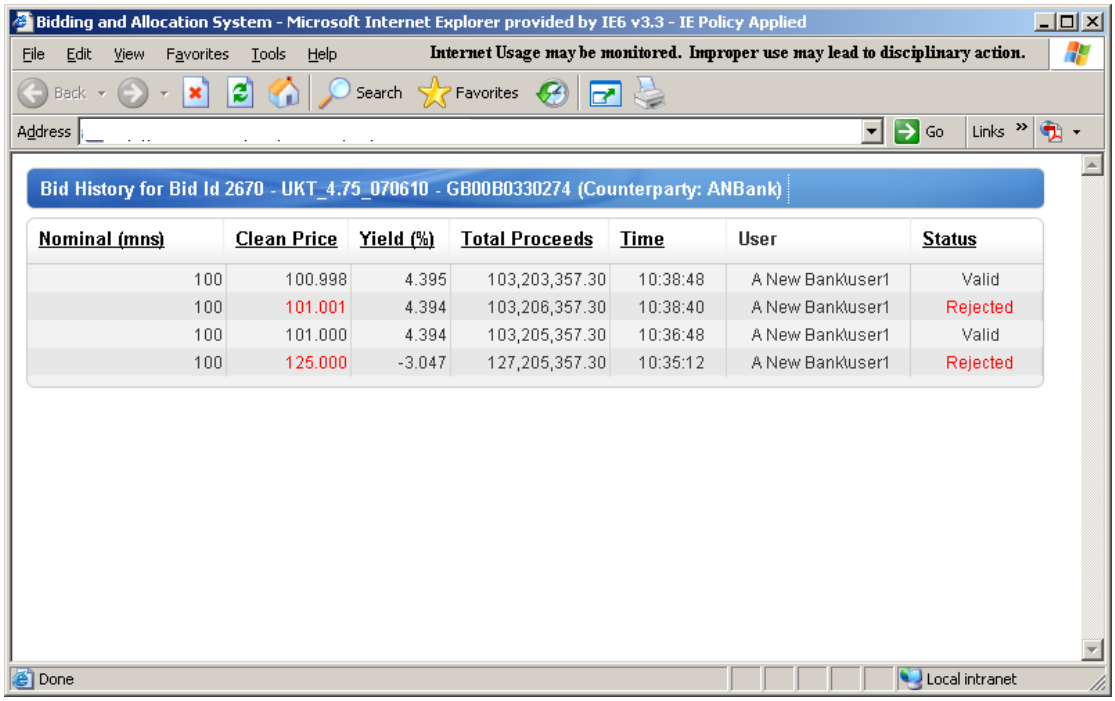
If a previously rejected offer meets the Bank's validation criteria after editing the status will be changed to valid. Conversely, if previously valid offers no longer meet the Bank's validation criteria after editing then they will be rejected.

Cancelling offers

To cancel an offer click on the rubbish bin icon (G above) corresponding to the offer to the right of the screen. The cancelled offer will be removed from the active offers screen and placed on the cancelled offers screen (accessed via the cancelled offers tab). Cancelled offers may not be amended or resubmitted.

Offer History

A history log for each offer can be accessed by clicking the link in the description column (H above). The offer history log provides a record of that offer from submission until completion of the tender including any changes (example below).


Bidding and Allocation System - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
File Edit View Favorites Tools Help
Internet Usage may be monitored. Improper use may lead to disciplinary action.
Back Search Favorites
Address
Go Links
Bid History for Bid Id 2670 - UKT_4.75_070610 - GB00B0330274 (Counterparty: ANBank)
Nominal (mns) | Clean Price | Yield (%) | Total Proceeds | Time | User | Status
100 | 100.998 | 4.395 | 103,203,357.30 | 10:38:48 | A New BankUser1 | Valid
100 | 101.001 | 4.394 | 103,206,357.30 | 10:38:40 | A New BankUser1 | Rejected
100 | 101.000 | 4.394 | 103,205,357.30 | 10:36:48 | A New BankUser1 | Valid
100 | 125.000 | -3.047 | 127,205,357.30 | 10:35:12 | A New BankUser1 | Rejected
Done
Local intranet

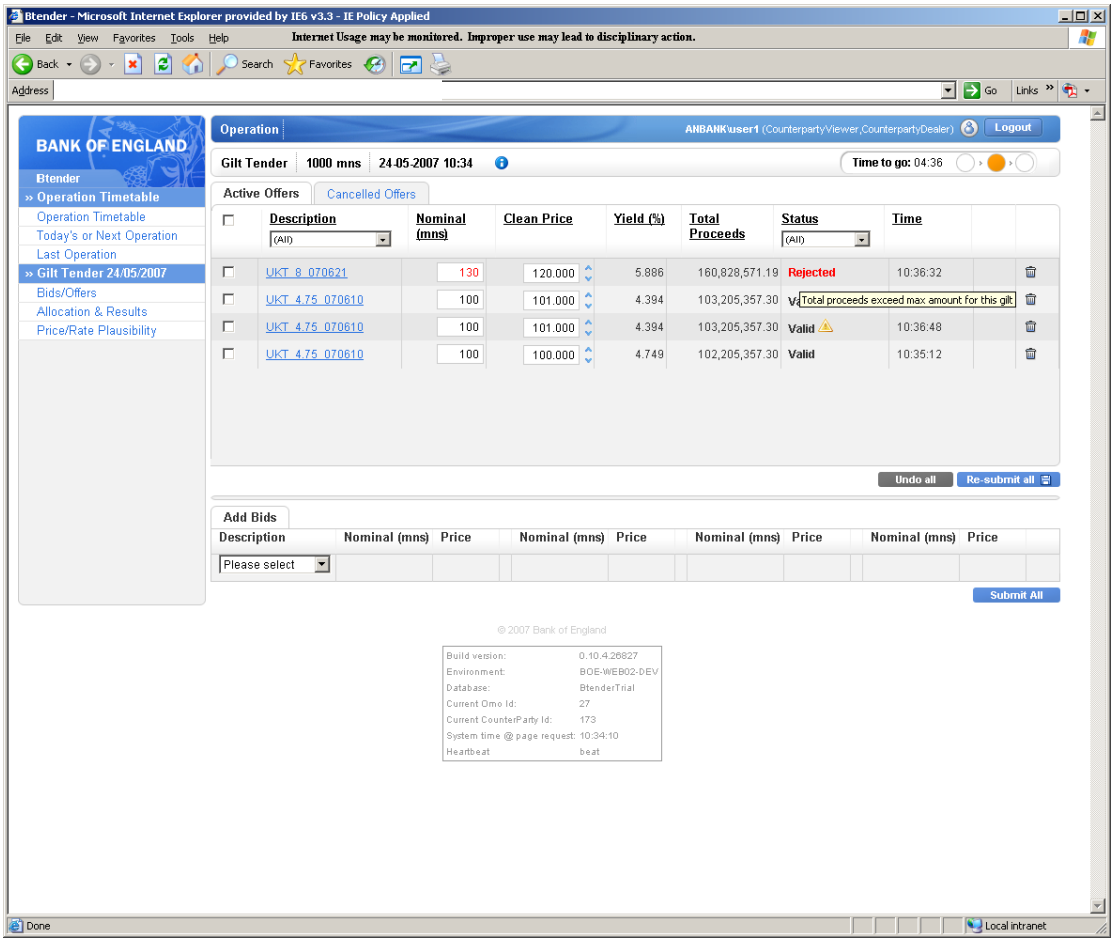
Error messages

Error messages in the adding offers section

Invalid entries in the add offers section of the screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid offers cannot be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping.

Error messages in viewing and editing section

When offers are submitted they pass through a number of validation checks. These ensure that the offer does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed) and that basic input errors have not been made (e.g. entering a price of 1001 instead of 100.1). If an offer breaches any of the Bank's limits or plausibility checks it **will be automatically given a status of rejected** and the text in the field containing the value that has failed the check will be red. The user can hover over the field to obtain an error message describing the reason for rejection (see example below). The offer can then be overtyped and resubmitted, or cancelled. Resubmitted offers which no longer breach plausibility or Bank limits will be given a 'valid' status.



Error messages for gilt tender

Error message	Explanation
You must enter numeric data only. Numbers up to 999999 up to X decimal places allowed. Negative numbers are not permitted.	The user has either entered non numeric data (e.g. letters) or too many decimal places. Amend input and resubmit.
Offer amount is less than min amount	Offer submitted is below the minimum offer amount for this operation. Refer to Operational Documentation or operation details for minimum amounts.
Offer exceeds max allowable amount	Offer exceeds maximum total proceeds amount allowable according to the counterparty concentration limit. Refer to Operation Documentation for the counterparty concentration limit.
Price of bond exceeds/below plausibility limit	Price entered differs significantly from market value. Check and re-enter price.
Price of bond exceeds/below counterparty plausibility limit	Price entered outside plausibility range set by user. Check and re-enter price.
Amount exceeds gilt issue headroom	The nominal amount submitted exceeds the maximum amount the Bank is able to purchase. Reduce nominal amount and resubmit.
Offer exceeds max size for this maturity range	Amount exceeds the maximum amount the Bank is able to purchase in this maturity range. Reduce amount and

	resubmit.
Total proceeds exceeds max amount for this gilt	The total proceeds amount exceeds the maximum amount the Bank wishes to purchase for this gilt. Reduce nominal and/or price and resubmit.
Identical Offer (Warning Message only)	The user has entered multiple offers with the same values. Identical offers are flagged for information in case they are a result of an input error. They are not rejected so one (or both) must either be cancelled or amended if input in error.

Results

The results for each operation will be released after offers have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

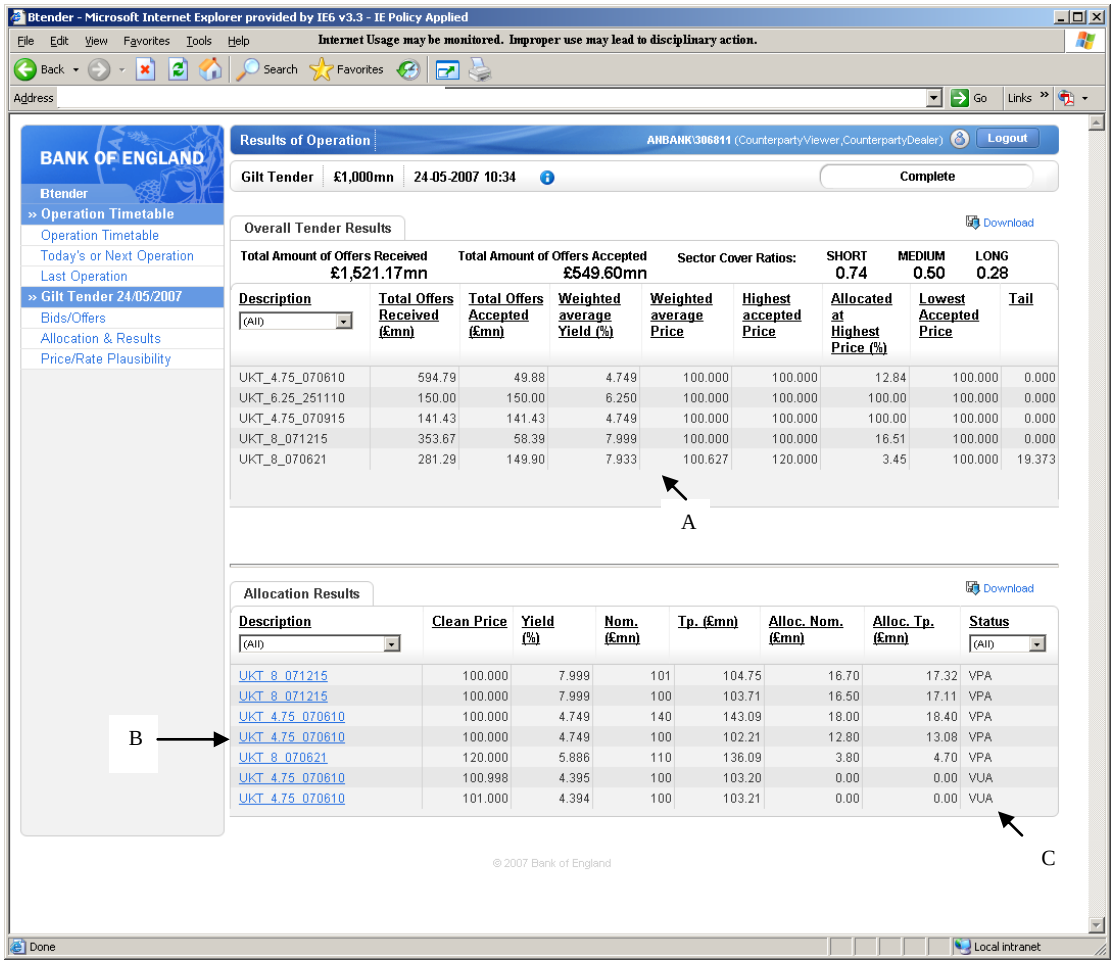
If the allocation and results link is selected prior to the results publication the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcements and include the total amount of offers received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the offer(s) submitted by the counterparty and the allocation obtained (B). Any cancelled offers will also be displayed. The history for the offer is available by clicking on the underlined text in the description column. The abbreviations in the status column (C) stand for the following:

VFA – valid offer fully allocated
VPA – valid offer partially allocated
VUA – valid offer unallocated
CAN – cancelled offer
REJ – rejected offer

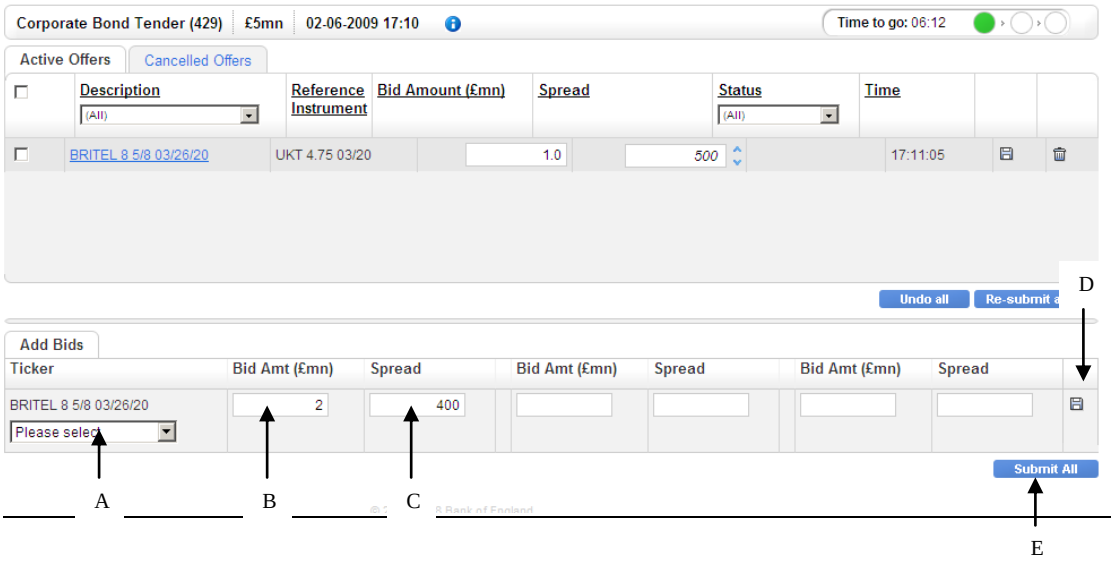
The screen contains download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).


Btender - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
Internet Usage may be monitored. Improper use may lead to disciplinary action.
BANK OF ENGLAND
Btender
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» Gilt Tender 24/05/2007
Bids/Offers
Allocation & Results
Price/Rate Plausibility
Results of Operation
ANBANK\306811 (CounterpartyViewer,CounterpartyDealer)
Logout
Gilt Tender
£1,000mn
24-05-2007 10:34
Complete
Overall Tender Results
Download
Total Amount of Offers Received
£1,521.17mn
Total Amount of Offers Accepted
£549.60mn
Sector Cover Ratios:
SHORT 0.74
MEDIUM 0.50
LONG 0.28
Description
Total Offers Received (£mn)
Total Offers Accepted (£mn)
Weighted average Yield (%)
Weighted average Price
Highest accepted Price
Allocated at Highest Price (%)
Lowest Accepted Price
Tail
UKT_4.75_070610 594.79 49.88 4.749 100.000 100.000 12.84 100.000 0.000
UKT_6.25_251110 150.00 150.00 6.250 100.000 100.000 100.00 100.000 0.000
UKT_4.75_070915 141.43 141.43 4.749 100.000 100.000 100.00 100.000 0.000
UKT_8_071215 353.67 58.39 7.999 100.000 100.000 16.51 100.000 0.000
UKT_8_070621 281.29 149.90 7.933 100.627 120.000 3.45 100.000 19.373
A
Allocation Results
Download
Description
Clean Price
Yield (%)
Nom. (£mn)
Tp. (£mn)
Alloc. Nom. (£mn)
Alloc. Tp. (£mn)
Status
UKT 8 071215 100.000 7.999 101 104.75 16.70 17.32 VPA
UKT 8 071215 100.000 7.999 100 103.71 16.50 17.11 VPA
UKT 4.75 070610 100.000 4.749 140 143.09 18.00 18.40 VPA
UKT 4.75 070610 100.000 4.749 100 102.21 12.80 13.08 VPA
UKT 8 070621 120.000 5.886 110 136.09 3.80 4.70 VPA
UKT 4.75 070610 100.998 4.395 100 103.20 0.00 0.00 VUA
UKT 4.75 070610 101.000 4.394 100 103.21 0.00 0.00 VUA
B
C
© 2007 Bank of England
Done
Local intranet

11) Corporate Bond APF Purchases

Adding Offers (screen print below)

1. Once an operation has started the offering screen can be selected by clicking the operation link in the timetable.
2. Multiple offers for each bond may be submitted. To offer for a particular bond select that bond from the drop down box at the bottom of the screen (A). As a default the system will display entry boxes for three offers (boxes can be left blank).
3. It is possible to submit offers for more than one bond at a time. To do this select the bonds required from the drop down list and enter offers as required in the boxes provided.
4. Enter the amount (in sterling millions (£mn)) (B) and spread (bps) (C) for each offer. The minimum offer amount and the increment are shown in the operation details (in sterling mn).
5. There are two ways to submit offers to the Bank once offer input is completed:
    a. To submit offers for an **individual** bond click on the submit icon (D) displayed to the right of the row. Only the offers in that row will be submitted. Offers for other bonds will remain in the add offers section.
    b. To submit **all** offers in the user should press the 'submit all' button (E). (NOTE: the submit all button submits offers for **all** bonds for which an offer has been input).



Viewing and Editing Offers (screen print below)

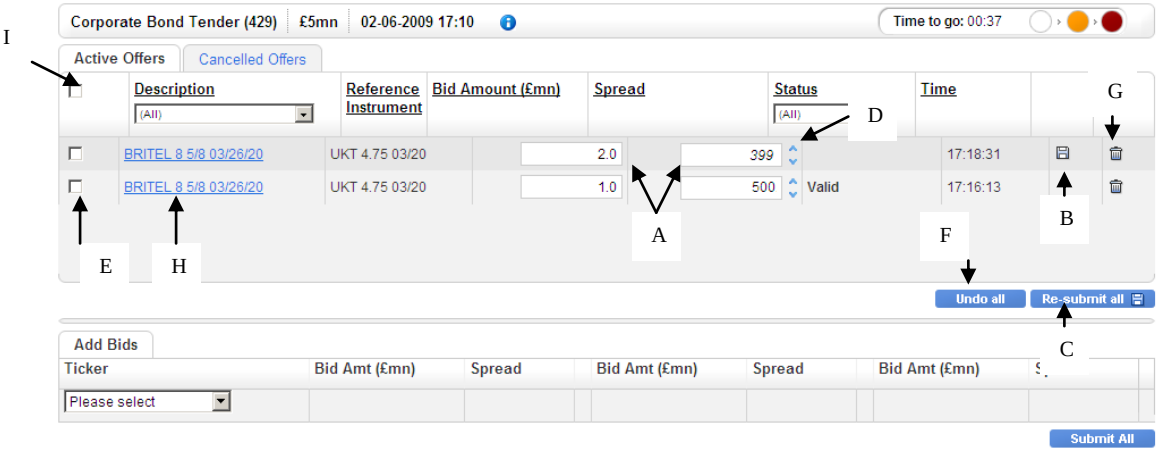
The submitted offers will be displayed in the top section of the 'active offers' tab. The offer status at this point will either be 'valid' or 'rejected'. Valid offers have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

Rejected offers are those which have failed the Bank's validation criteria. If an offer is rejected the field(s) failing the validation criteria will be highlighted in red and the

user can ‘hover’ over the field to display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted offer (rejected or valid) may be edited in the top section of the screen as follows:

6. Overtype the offer amount and/or spread (A). A change to the offer will result in the revised amount/spread being displayed in italics and the submit icon will appear on the right hand side of the screen (B). The status will go blank until the offer is resubmitted.
7. The change can be resubmitted by either clicking on the submit icon to the right of the offer (B) OR by pressing the ‘resubmit all’ button (C). If a user leaves the screen (or allows the operation to end) without resubmitting then the changes will be lost and the original offer will stand.
8. Alternatively one or more offer spread fields can be changed by using the ‘spinner’. To use the spinner on a single offer click the up or down arrows ( ) next to the spread field (D) – each click will move the offer spread up or down by 1bp. The spread on multiple offers can be ‘spun’ at the same time. To do this **either** select the group of offers to be spun using the tick boxes (E) on the left hand side of the screen or select **all** offers using the top left tick box (I). Once the relevant offers have been selected click on the up or down arrow for **one** of the selected offers to move the rate for **all** selected offers concurrently. Once the offers have been resubmitted they are deselected (or offers can be deselected by un-ticking the relevant tick box).
9. Prior to resubmission, any changes made to offers in the top portion of the screen can be undone by pressing the ‘undo all’ button (F).



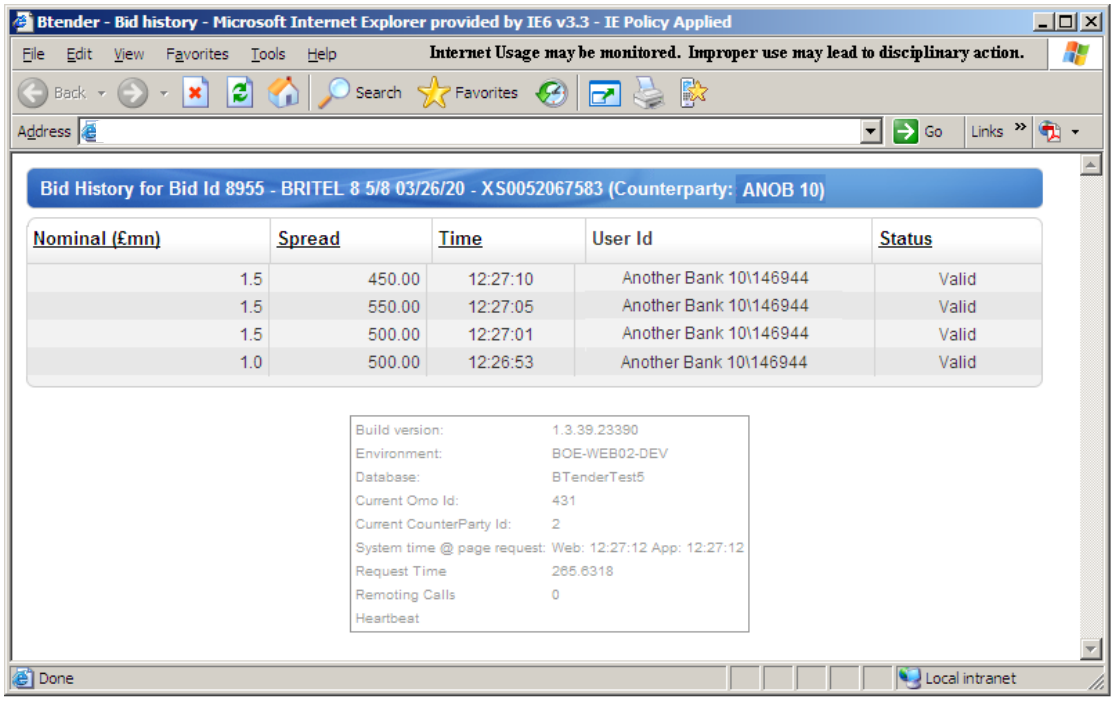
If a previously rejected offer meets the Bank’s validation criteria after editing the status will be changed to valid. Conversely, if previously valid offers no longer meet the Bank’s validation criteria after editing then they will be rejected.

Cancelling Offers

To cancel an offer click on the rubbish bin icon (G above) corresponding to the offer to the right of the screen. The cancelled offer will be removed from the active offers screen and placed on the cancelled offers screen (accessed via the cancelled offers tab). Cancelled offers may not be amended or resubmitted.

Offer History

A history log for each offer can be accessed by clicking the link in the description column (H above). The offer history log provides a record of that offer from submission until completion of the tender including any changes (example below).


Btender - Bid history - Microsoft Internet Explorer provided by IE6 v3.3 - IE Policy Applied
File Edit View Favorites Tools Help
Internet Usage may be monitored. Improper use may lead to disciplinary action.
Back Search Favorites
Address Go Links
Bid History for Bid Id 8955 - BRITEL 8 5/8 03/26/20 - XS0052067583 (Counterparty: ANOB 10)
Nominal (£mn) Spread Time User Id Status
1.5 450.00 12:27:10 Another Bank 10\146944 Valid
1.5 550.00 12:27:05 Another Bank 10\146944 Valid
1.5 500.00 12:27:01 Another Bank 10\146944 Valid
1.0 500.00 12:26:53 Another Bank 10\146944 Valid
Build version: 1.3.39.23390
Environment: BOE-WEB02-DEV
Database: BTenderTest5
Current Omo Id: 431
Current CounterParty Id: 2
System time @ page request: Web: 12:27:12 App: 12:27:12
Request Time 265.6318
Remoting Calls 0
Heartbeat
Done
Local intranet

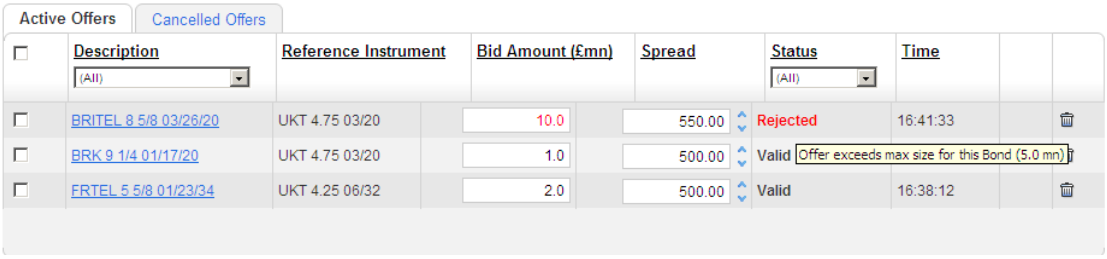
Error messages

Error messages in the adding offers section

Invalid entries in the add offers section of the screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid offers cannot be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping and re-submitting.

Error messages in viewing and editing section

When offers are submitted they pass through a number of validation checks. These ensure that the offer does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed) and that basic input errors have not been made. If an offer breaches any of the Bank's limits it **will be automatically given a status of rejected** and the text in the field containing the value that has failed the check will be red. The user can hover over the field to obtain an error message describing the reason for rejection (see example below). The offer can then be overtyped and resubmitted, or cancelled. Resubmitted offers which no longer breach Bank limits will be given a 'valid' status.



Error messages for corporate bond APF tender

Error message	Explanation
You must enter numeric data only. Numbers up to X, with up to Y decimal places allowed. Negative numbers are not permitted.	Either non numeric data (e.g. letters) or too many decimal places have been entered. The input must be amended and resubmitted.
Offer exceeds max size for this Bond (x.xmn)	Offer exceeds maximum offer amount.
Offer exceeds max allowable amount	Sum of offers is greater than the overall size of the operation
Offer amount is less than min amount	Offer is less than the minimum offer amount
Offer amount is not valid increment	Offer amount is not a valid increment
Identical Offer ⚠	The user has entered multiple offers with the same values. Identical offers are flagged for information in case they are a result of an input error. They are not rejected so one (or both) must be either cancelled or amended if input in error.

Results

The results for each operation will be released after offers have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

If the allocation and results link is selected prior to the results publication the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

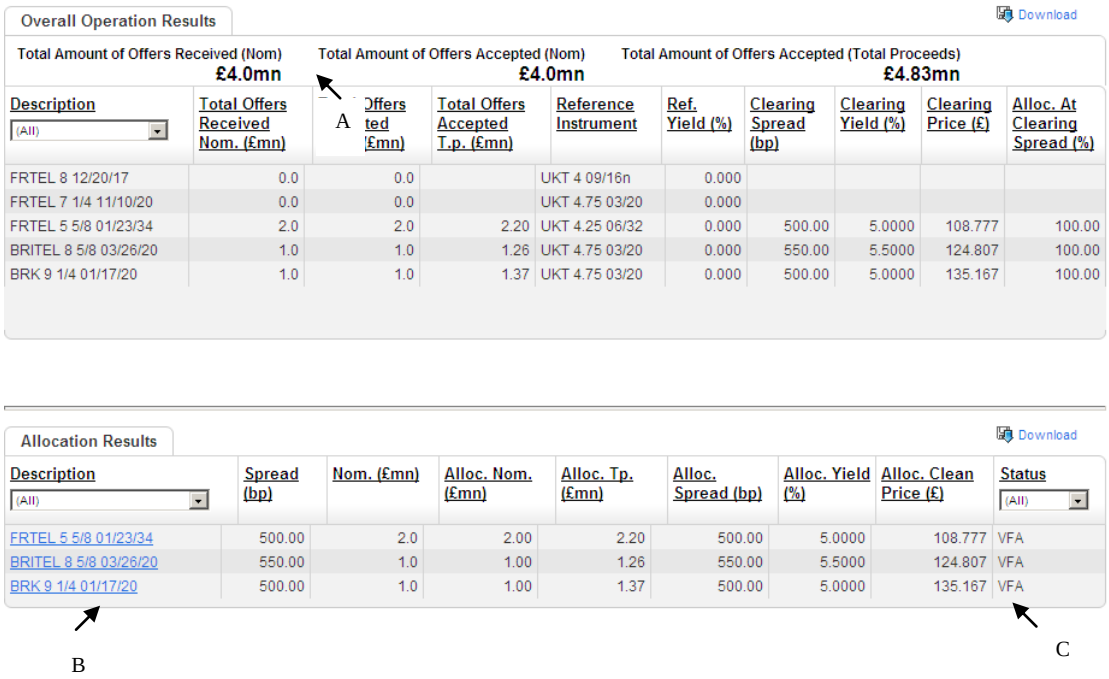
The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcements and include the total amount of offers received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the offer(s) submitted by the counterparty and the allocation obtained (B). Any cancelled offers will also be displayed. The history for the offer is available by

clicking on the underlined text in the description column. The abbreviations in the status column (C) stand for the following:

VFA – valid offer fully allocated
VPA – valid offer partially allocated
VUA – valid offer unallocated
CAN – cancelled offer
REJ – rejected offer

The screen contains download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).



Overall Operation Results

Download

Total Amount of Offers Received (Nom)	Total Amount of Offers Accepted (Nom)	Total Amount of Offers Accepted (Total Proceeds)
£4.0mn	£4.0mn	£4.83mn

Description	Total Offers Received Nom. (£mn)	Offers ted £mn)	Total Offers Accepted T.p. (£mn)	Reference Instrument	Ref. Yield (%)	Clearing Spread (bp)	Clearing Yield (%)	Clearing Price (£)	Alloc. At Clearing Spread (%)
FRTEL 8 12/20/17	0.0	0.0		UKT 4 09/16n	0.000				
FRTEL 7 1/4 11/10/20	0.0	0.0		UKT 4.75 03/20	0.000				
FRTEL 5 5/8 01/23/34	2.0	2.0	2.20	UKT 4.25 06/32	0.000	500.00	5.0000	108.777	100.00
BRITEL 8 5/8 03/26/20	1.0	1.0	1.26	UKT 4.75 03/20	0.000	550.00	5.5000	124.807	100.00
BRK 9 1/4 01/17/20	1.0	1.0	1.37	UKT 4.75 03/20	0.000	500.00	5.0000	135.167	100.00

A

Allocation Results

Download

Description	Spread (bp)	Nom. (£mn)	Alloc. Nom. (£mn)	Alloc. Tp. (£mn)	Alloc. Spread (bp)	Alloc. Yield (%)	Alloc. Clean Price (£)	Status
FRTEL 5 5/8 01/23/34	500.00	2.0	2.00	2.20	500.00	5.0000	108.777	VFA
BRITEL 8 5/8 03/26/20	550.00	1.0	1.00	1.26	550.00	5.5000	124.807	VFA
BRK 9 1/4 01/17/20	500.00	1.0	1.00	1.37	500.00	5.0000	135.167	VFA

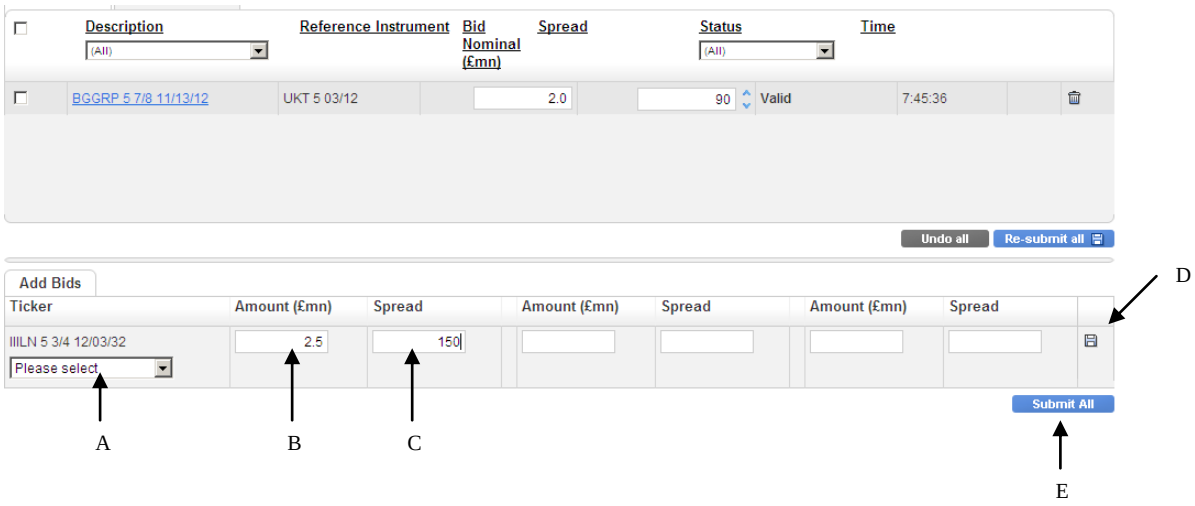
B

C

12) Corporate Bond APF Sales

Adding Bids (screen print below)

1. Once an operation has started the bidding screen can be selected by clicking the operation link in the timetable.
2. Multiple bids for each bond may be submitted. To bid for a particular bond select that bond from the drop down box at the bottom of the screen (A). As a default the system will display entry boxes for three bids (boxes can be left blank).
3. It is possible to submit bids for more than one bond at a time. To do this select the bonds required from the drop down list and enter bids as required in the boxes provided.
4. Enter the amount (in sterling millions (£mn)) (B) and spread (bps) (C) for each bid. The minimum bid amount and the increment are shown in the operation details (in sterling mn).
5. There are two ways to submit bids to the Bank once bid input is completed:
    a. To submit bids for an **individual** bond click on the submit icon (D) displayed to the right of the row. Only the bids in that row will be submitted. Bids for other bonds will remain in the add bids section.
    b. To submit **all** bids in the user should press the 'submit all' button (E). (NOTE: the Submit All button submits bids for **all** bonds for which a bid has been input).



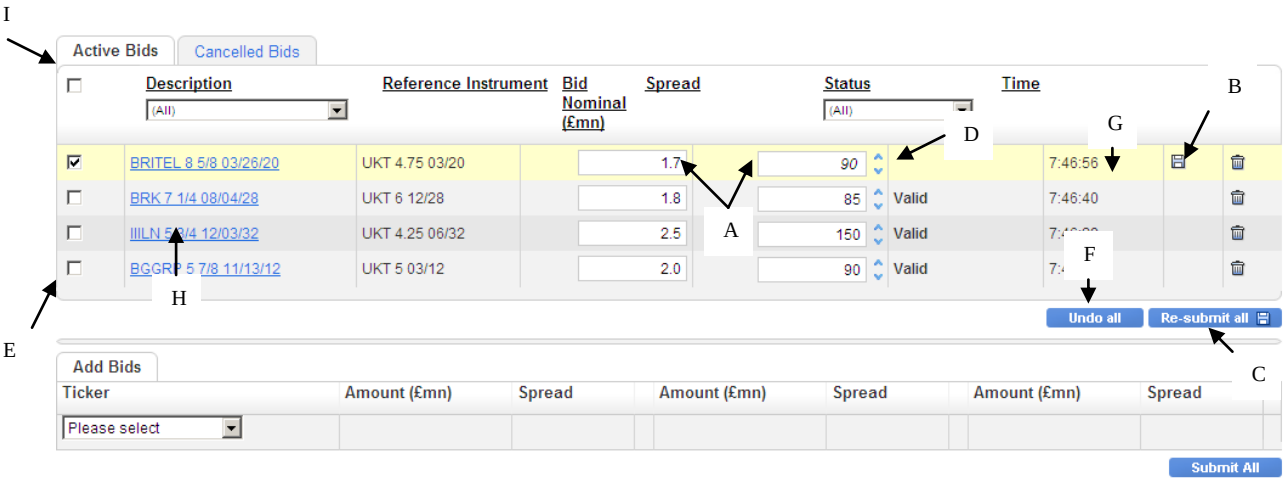
Viewing and Editing Bids (screen print below)

The submitted bids will be displayed in the top section of the 'active bids' tab. The bid status at this point will either be 'valid' or 'rejected'. Valid bids have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

Rejected bids are those which have failed the Bank's validation criteria. If a bid is rejected the field(s) failing the validation criteria will be highlighted in red and the user can 'hover' over the field to display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted bid (rejected or valid) may be edited in the top section of the screen as follows:

10. Overtype the bid amount and/or spread (A). A change to the bid will result in the revised amount/spread being displayed in italics and the submit icon will appear on the right hand side of the screen (B). The status will go blank until the bid is resubmitted.
11. The change can be resubmitted by either clicking on the submit icon to the right of the bid (B) OR by pressing the 'Resubmit All' button (C). If a user leaves the screen (or allows the operation to end) without resubmitting then the changes will be lost and the original bid will stand.
12. Alternatively one or more bid spread fields can be changed by using the 'spinner'. To use the spinner on a single bid click the up or down arrows ( ) next to the spread field (D) – each click will move the bid spread up or down by 1bp. The spread on multiple bids can be 'spun' at the same time. To do this **either** select the group of bids to be spun using the tick boxes (E) on the left hand side of the screen or select **all** bids using the top left tick box (I). Once the relevant bids have been selected click on the up or down arrow for **one** of the selected bids to move the rate for **all** selected bids concurrently. Once the bids have been resubmitted they are deselected (or bids can be deselected by un-ticking the relevant tick box).
13. Prior to resubmission, any changes made to bids in the top portion of the screen can be undone by pressing the 'Undo All' button (F).



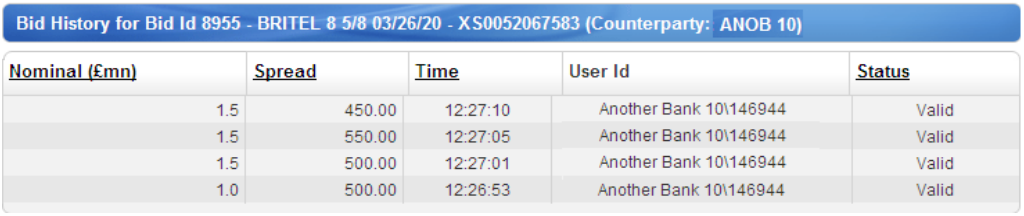
If a previously rejected bid meets the Bank's validation criteria after editing the status will be changed to valid. Conversely, if previously valid bids no longer meet the Bank's validation criteria after editing then they will be rejected.

Cancelling bids

To cancel a bid click on the rubbish bin icon (G above) corresponding to the bid to the right of the screen. The cancelled bid will be removed from the active bids screen and placed on the cancelled bids screen (accessed via the cancelled bids tab). Cancelled bids may not be amended or resubmitted.

Bid History

A history log for each bid can be accessed by clicking the link in the description column (H above). The bid history log provides a record of that bid from submission until completion of the tender including any changes (example below).



Bid History for Bid Id 8955 - BRITEL 8 5/8 03/26/20 - XS0052067583 (Counterparty: ANOB 10)

Nominal (£mn)	Spread	Time	User Id	Status
1.5	450.00	12:27:10	Another Bank 10\146944	Valid
1.5	550.00	12:27:05	Another Bank 10\146944	Valid
1.5	500.00	12:27:01	Another Bank 10\146944	Valid
1.0	500.00	12:26:53	Another Bank 10\146944	Valid

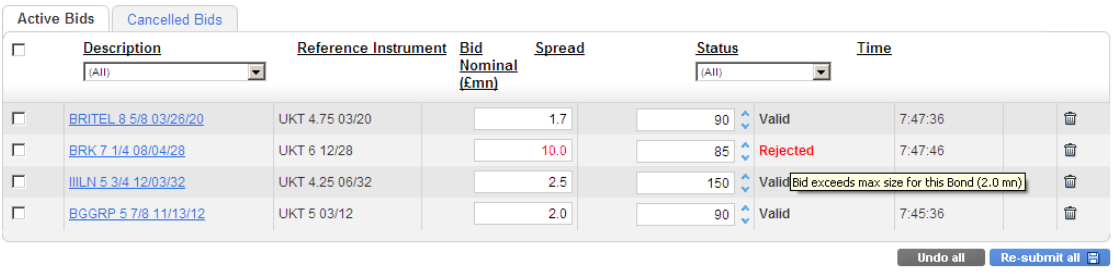
Error messages

Error messages in the adding bids section

Invalid entries in the add bids section of the screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid bids cannot be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping and re-submitting.

Error messages in viewing and editing section

When bids are submitted they pass through a number of validation checks. These ensure that the bid does not breach any of the Bank's limits (e.g. exceed maximum bid size allowed) and that basic input errors have not been made. If a bid breaches any of the Bank's limits it **will be automatically given a status of rejected** and the text in the field containing the value that has failed the check will be red. The user can hover over the field to obtain an error message describing the reason for rejection (see example below). The bid can then be overtyped and resubmitted, or cancelled. Resubmitted bids which no longer breach Bank limits will be given a 'valid' status.



Error messages for corporate bond APF tender

Error message	Explanation
You must enter numeric data only. Numbers up to X, with up to Y decimal places allowed. Negative numbers are not permitted.	Either non numeric data (e.g. letters) or too many decimal places have been entered. The input must be amended and resubmitted.
Bid exceeds max size for this Bond	Bid exceeds maximum bid amount.

(x.xmn)	
Bid exceeds max allowable amount	Sum of bids is greater than the overall size of the operation
Bid amount is less than min amount	Bid is less than the minimum bid amount
Bid amount is not valid increment	Bid amount is not a valid increment
Identical Bid	The user has entered multiple bids with the same values. Identical bids are flagged for information in case they are a result of an input error. They are not rejected so one (or both) must be either cancelled or amended if input in error.

Results

The results for each operation will be released after bids have been allocated by the Bank. To view the results for a specific operation:

14. Select the appropriate operation in the timetable screen
15. Select the 'allocation and results' link from the left hand menu bar.

If the allocation and results link is selected prior to the results publication the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

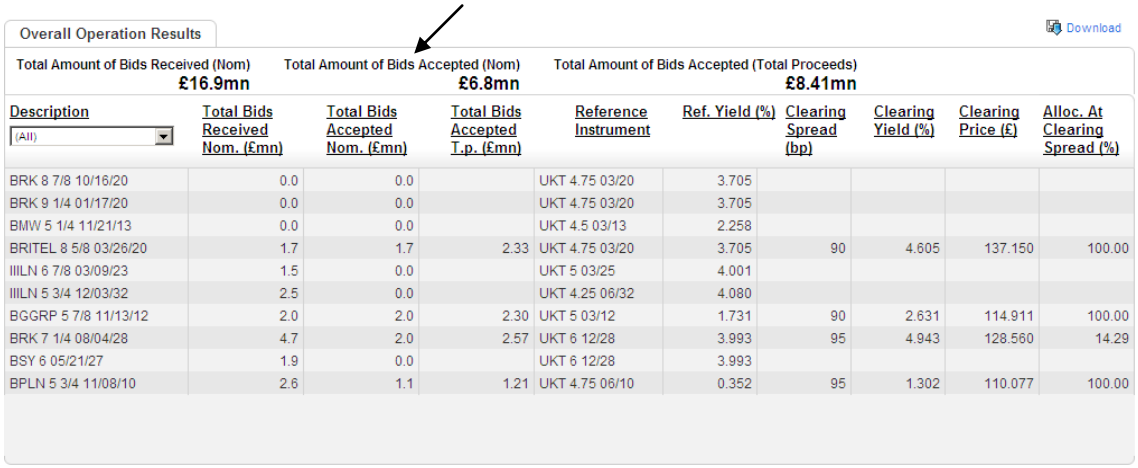
The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcements and include the total amount of bids received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the bid(s) submitted by the counterparty and the allocation obtained (B). Any cancelled bids will also be displayed. The history for the bid is available by clicking on the underlined text in the description column. The abbreviations in the status column (C) stand for the following:

VFA – valid bid fully allocated
VPA – valid bid partially allocated
VUA – valid bid unallocated
CAN – cancelled bid
REJ – rejected bid

The screen contains download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).

A



Overall Operation Results

Download

Total Amount of Bids Received (Nom)	Total Amount of Bids Accepted (Nom)	Total Amount of Bids Accepted (Total Proceeds)
£16.9mn	£6.8mn	£8.41mn

Description	Total Bids Received Nom. (£mn)	Total Bids Accepted Nom. (£mn)	Total Bids Accepted T.p. (£mn)	Reference Instrument	Ref. Yield (%)	Clearing Spread (bp)	Clearing Yield (%)	Clearing Price (£)	Alloc. At Clearing Spread (%)
BRK 8 7/8 10/16/20	0.0	0.0		UKT 4.75 03/20	3.705				
BRK 9 1/4 01/17/20	0.0	0.0		UKT 4.75 03/20	3.705				
BMW 5 1/4 11/21/13	0.0	0.0		UKT 4.5 03/13	2.258				
BRITEL 8 5/8 03/26/20	1.7	1.7	2.33	UKT 4.75 03/20	3.705	90	4.605	137.150	100.00
IIILN 6 7/8 03/09/23	1.5	0.0		UKT 5 03/25	4.001				
IIILN 5 3/4 12/03/32	2.5	0.0		UKT 4.25 06/32	4.080				
BGGRP 5 7/8 11/13/12	2.0	2.0	2.30	UKT 5 03/12	1.731	90	2.631	114.911	100.00
BRK 7 1/4 08/04/28	4.7	2.0	2.57	UKT 6 12/28	3.993	95	4.943	128.560	14.29
BSY 6 05/21/27	1.9	0.0		UKT 6 12/28	3.993				
BPLN 5 3/4 11/08/10	2.6	1.1	1.21	UKT 4.75 06/10	0.352	95	1.302	110.077	100.00

Allocation Results

Download

Description	Spread (bp)	Nom. (£mn)	Alloc. Nom. (£mn)	Alloc. Tp. (£mn)	Alloc. Spread (bp)	Alloc. Yield (%)	Alloc. Clean Price (£)	Status
BRITEL 8 5/8 03/26/20	90	1.7	1.70	2.33175988	90	4.61	137.150	VFA
BGGRP 5 7/8 11/13/12	90	2.0	2.00	2.29846691	90	2.63	114.911	VFA
BRK 7 1/4 08/04/28	85	1.8	1.80	2.31430222	95	4.94	128.560	VFA
BPLN 5 3/4 11/08/10	95	1.1	1.10	1.21098280	95	1.30	110.077	VFA
BRK 7 1/4 08/04/28	95	1.4	0.20	0.25714469	95	4.94	128.560	VPA
IIILN 6 7/8 03/09/23	120	1.5	0.00	0.00000000				VUA
IIILN 5 3/4 12/03/32	150	2.5	0.00	0.00000000				VUA
BRK 7 1/4 08/04/28	100	1.5	0.00	0.00000000				VUA
BSY 6 05/21/27	110	1.9	0.00	0.00000000				VUA
BPLN 5 3/4 11/08/10	105	1.5	0.00	0.00000000				VUA

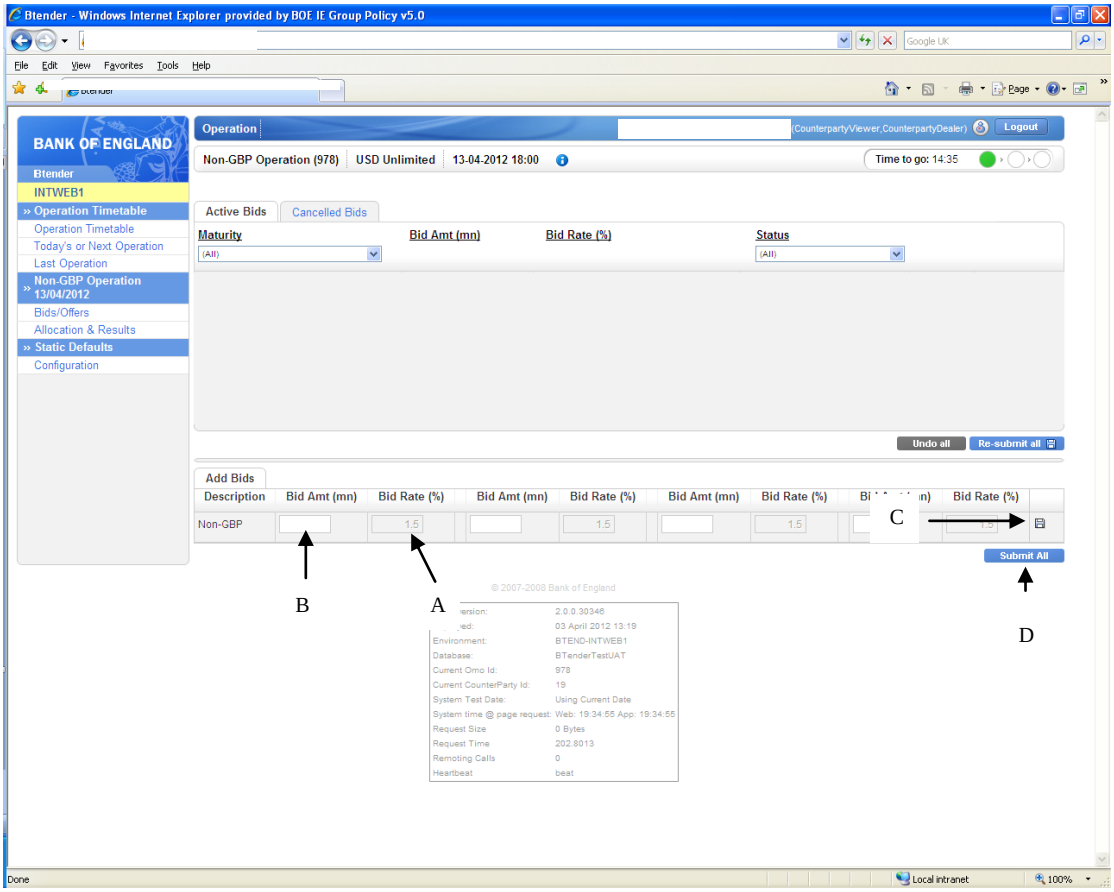
B

C

13) Non-GBP Operations

Adding bids (screen print below)

1. Once an operation has started the bidding screen can be accessed by clicking the operation type description corresponding to the operation on the timetable screen.
2. For fixed rate operations only one bid at the fixed rate is allowed (A).
3. The bid amount (in mn) should be entered in the box provided in the lower half of the screen (B). The minimum offer amount and minimum increment will be displayed in the details for the operation.
4. To submit the bid to the Bank, either click the submit icon to the right of the bid (C) OR the 'submit all' button at the bottom right of the screen (D).



Viewing and editing the bid (screen print below)

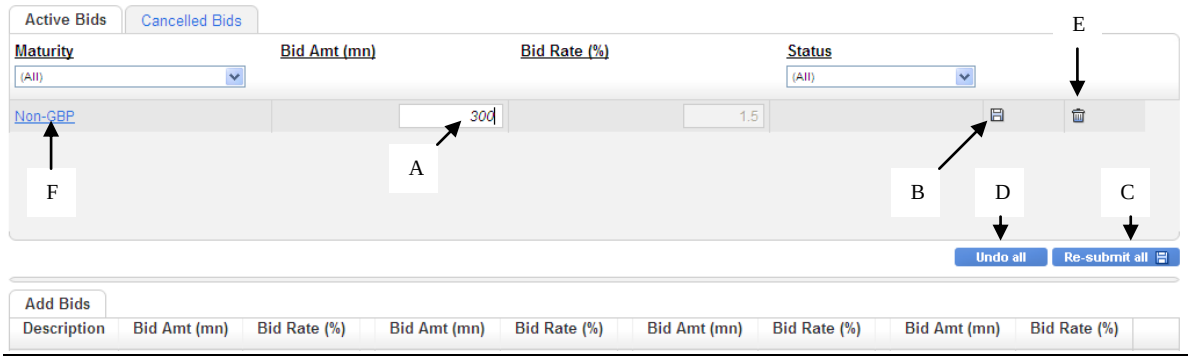
The submitted bid will be displayed in the top section of the 'active bids' tab. The bid status at this point will either be valid or rejected. Valid bids have passed the Bank's validation criteria and will be included in the allocation process at the end of the operation.

Rejected bids are those which have failed the Bank's validation criteria. If a bid is rejected the amount field will be highlighted in red and the user can 'hover' over the field to display a pop up box which details the reason for the rejection. See the errors section for further detail.

Any submitted bid (rejected or valid) may be edited in the top section of the screen as follows:

1. Overtype the bid amount (A). A change to the bid will result in the revised amount being displayed in italics and the "submit" icon appearing on the right hand side of the screen (B). The status will go blank until the bid is resubmitted.
2. The change can be resubmitted by either clicking on the submit icon to the right of the bid (B) OR by pressing the 'resubmit all' button (C). If a user leaves the screen (or the operation ends) without resubmitting then the changes will be lost and the original bid will stand. Prior to resubmission, any changes made in the top portion of the screen can be undone by pressing the 'undo all' button (D).

If a previously rejected bid meets the Bank's validation criteria after editing, the status will be changed to valid. Conversely if a previously valid bid no longer meets the Bank's validation criteria after editing it will be rejected.

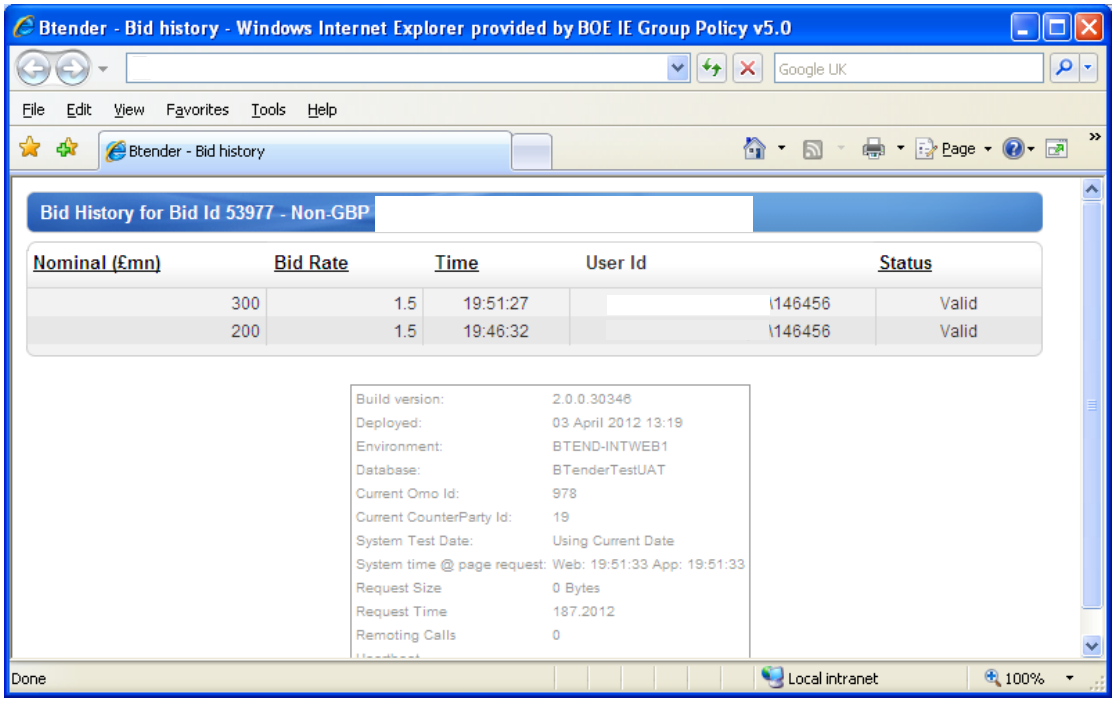


Cancelling bid (screen print above)

To cancel a bid click on the rubbish bin icon corresponding to the bid to the right of the screen (E). The cancelled bid will be removed from the active bids screen and placed on the cancelled bids screen (accessed via the cancelled bids tab). Cancelled bids may not be amended or reinstated.

Bid History

A history log for each bid can be accessed by clicking the link in the maturity column (F). The bid history log provides a record of that bid from submission until completion of bidding, including any changes (example below).


Btender - Bid history - Windows Internet Explorer provided by BOE IE Group Policy v5.0
File Edit View Favorites Tools Help
Btender - Bid history
Bid History for Bid Id 53977 - Non-GBP
Nominal (£mn) Bid Rate Time User Id Status
300 1.5 19:51:27 \146456 Valid
200 1.5 19:46:32 \146456 Valid
Build version: 2.0.0.30346
Deployed: 03 April 2012 13:19
Environment: BTEND-INTWEB1
Database: BTenderTestUAT
Current Omo Id: 978
Current CounterParty Id: 19
System Test Date: Using Current Date
Request Size 0 Bytes
Request Time 187.2012
Remoting Calls 0
Done
Local intranet
100%

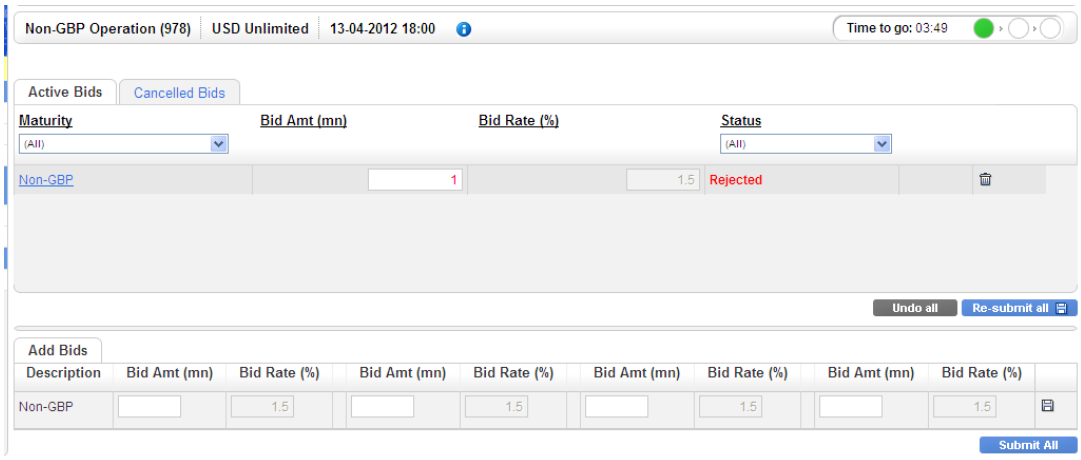
Error messages

Error messages in the adding bids section

Invalid entries in the add bid/offers section of the bidding screen will result in the field containing the error being highlighted in red and a red dot being displayed next to that field. Invalid bids can not be submitted to the Bank. The user should hover over the red dot to reveal the reason for the error (e.g. incorrect number of decimal points, non numerical text entered). The error can be corrected by overtyping.

Error messages in viewing and editing section

When bids are submitted they pass through a number of validation checks. These ensure that the bid does not breach any of the Bank's limits (e.g. exceed maximum offer size allowed). If a bid breaches any of the Bank's limits it **will be automatically given a status of rejected** and the screen below will appear. The bid may be edited and resubmitted.



Error messages for Non-GBP Operations

Error message	Explanation
You must enter numeric data only. Numbers up to 999999 up to X decimal places allowed. Negative numbers are not permitted.	You have either entered non numeric data (e.g. letters) or too many decimal places. Amend input and resubmit.
Bid amount is less than min amount	Bid submitted is below the minimum bid amount for this operation. Refer to Operational Documentation or operation details for minimum amounts.
Bid exceeds maximum allowable amount	Bid submitted is above the maximum bid amount for this operation.
Bid exceeds maturity target amount	Bid is greater than operation size.

Results (screen print below)

The results for each operation will be released after bids have been allocated by the Bank. To view the results for a specific operation:

1. Select the appropriate operation in the timetable screen
2. Select the 'allocation and results' link from the left hand menu bar.

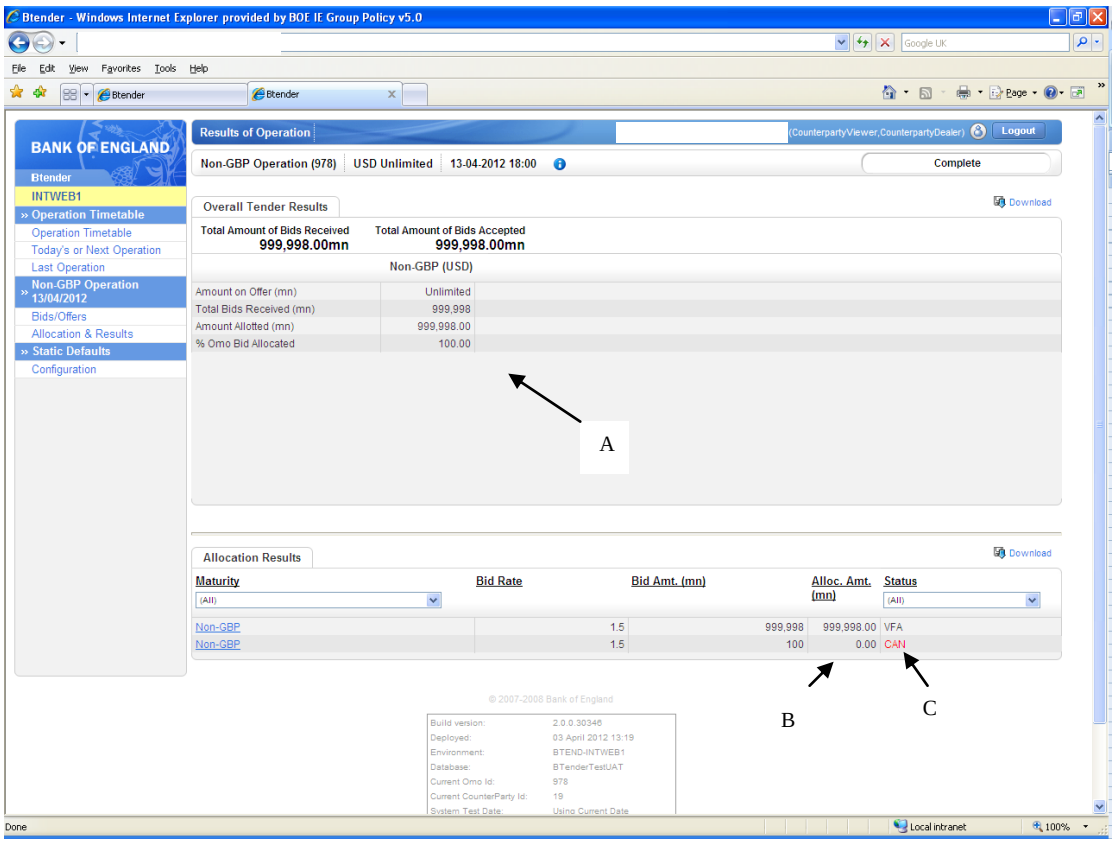
If the allocation and results link is selected prior to the results publication the screen will show a 'Waiting for allocation' message. This will automatically refresh to show the results when these are available.

The top section of the screen will show the high level aggregate results for the operation (A) – these are shown regardless of whether a user has participated in the operation. The aggregate results mirror the information provided in the wire services announcement and include the total amount of bids received and accepted across all counterparties, in addition to standard summary statistics for each operation.

If a user has participated in the operation, the bottom section of the screen will show the bid submitted by the counterparty and the allocation obtained (B). Any cancelled bids will also be displayed. The history for the bid is available by clicking on the underlined text in the Maturity Date column. The abbreviations in the status column (C) stand for the following:

VFA – valid bid fully allocated
VPA – valid bid partially allocated
VUA – valid bid unallocated
CAN – cancelled bid
REJ – rejected bid

The screen contains download ( ) icons in the upper and lower sections which can be used to export the data on the screen in .csv format (e.g. if the user wants to create a time series in Excel).


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
BANK OF ENGLAND
Btender
INTWEB1
Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
Non-GBP Operation 13/04/2012
Bids/Offers
Allocation & Results
Static Defaults
Configuration
Results of Operation
(CounterpartyViewer,CounterpartyDealer)
Logout
Non-GBP Operation (978)
USD Unlimited
13-04-2012 18:00
Complete
Overall Tender Results
Download
Total Amount of Bids Received
999,998.00mn
Total Amount of Bids Accepted
999,998.00mn
Non-GBP (USD)
Amount on Offer (mn) Unlimited
Total Bids Received (mn) 999,998
Amount Allotted (mn) 999,998.00
% Omo Bid Allocated 100.00
A
Allocation Results
Download
Maturity
Bid Rate
Bid Amt. (mn)
Alloc. Amt. (mn)
Status
Non-GBP 1.5 999,998 999,998.00 VFA
Non-GBP 1.5 100 0.00 CAN
B
C
© 2007-2008 Bank of England
Build version: 2.0.0.30346
Deployed: 03 April 2012 13:19
Environment: BTEND-INTWEB1
Database: BTenderTestUAT
Current Omo Id: 978
Current CounterParty Id: 19
System Test Date: Using Current Date
Done
Local intranet
100%

14) Static Defaults

Spin Increment Configuration

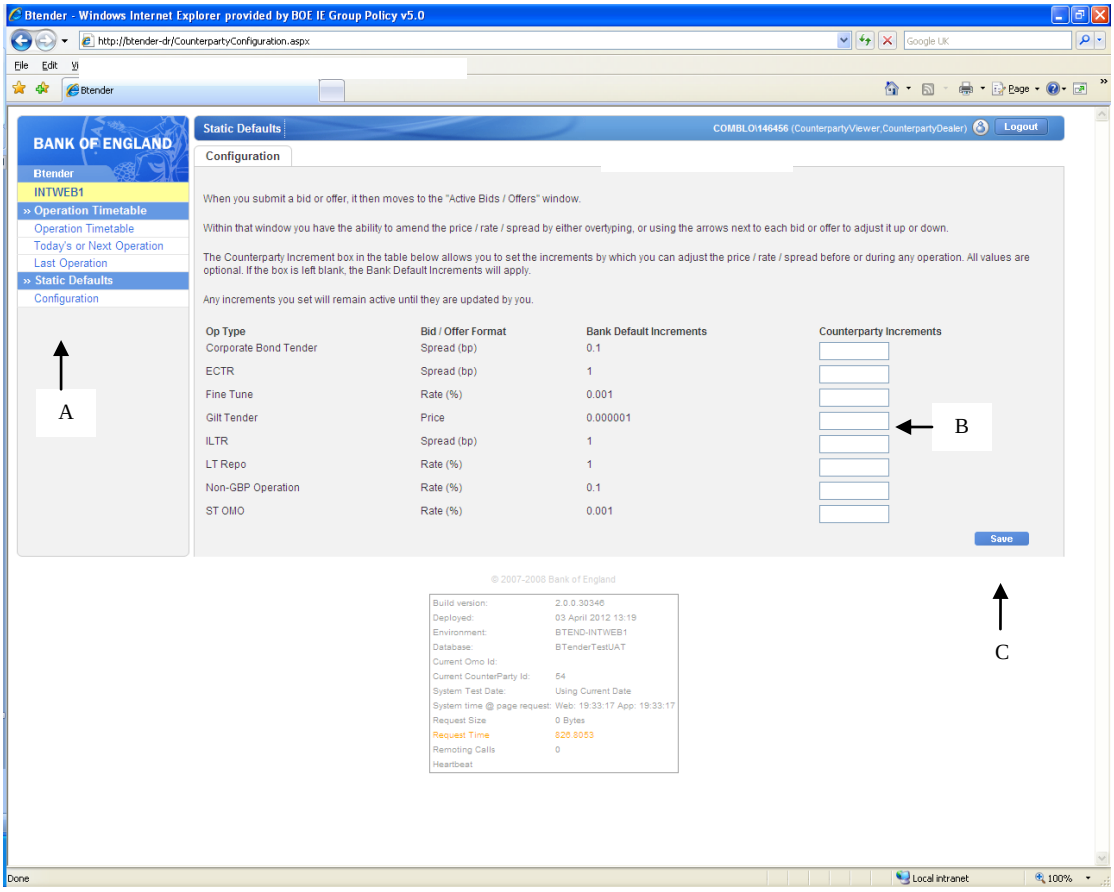
When a counterparty submits a bid or offer, it then moves to the "Active Bids / Offers" window. Within that window, counterparties have the ability to amend the price / rate / spread by either overtyping or using arrows next to each bid or offer to adjust it up or down.

The system allows users to set their own increments (at counterparty level i.e. the increments apply to anyone bidding for that counterparty in that operation) by which they can adjust the price / rate / spread before or during any operation.

Counterparty spin increments are optional – if no counterparty increment is set the Bank default increments will apply. **Values may be changed once the operation has started.** Any increments set will remain active until they are updated by the counterparty.

To set spin increments:

1. Select the Configuration link from the left hand menu (under Static Defaults) (A).
2. Enter the desired increment for the appropriate operation in the boxes required (B). (Only the operations you are eligible to participate in will be visible).
3. The number of decimal places allowed is equal to the number of decimal places allowed for the bid / offer rate (set out in the Operational Documentation).
4. Press the 'save changes' button (C).
5. The increments can be changed at any time by overtyping the saved values and pressing 'save'.


Btender - Windows Internet Explorer provided by BOE IE Group Policy v5.0
http://btender-dr/CounterpartyConfiguration.aspx
BANK OF ENGLAND
Btender
INTWEB1
» Operation Timetable
Operation Timetable
Today's or Next Operation
Last Operation
» Static Defaults
Configuration
Static Defaults
COMBLO\146456 (CounterpartyViewer,CounterpartyDealer)
Logout
Configuration
When you submit a bid or offer, it then moves to the "Active Bids / Offers" window.
Within that window you have the ability to amend the price / rate / spread by either overtyping, or using the arrows next to each bid or offer to adjust it up or down.
The Counterparty Increment box in the table below allows you to set the increments by which you can adjust the price / rate / spread before or during any operation. All values are optional. If the box is left blank, the Bank Default Increments will apply.
Any increments you set will remain active until they are updated by you.
Op Type
Bid / Offer Format
Bank Default Increments
Counterparty Increments
Corporate Bond Tender
Spread (bp)
0.1
ECTR
Spread (bp)
1
Fine Tune
Rate (%)
0.001
Gilt Tender
Price
0.000001
ILTR
Spread (bp)
1
LT Repo
Rate (%)
1
Non-GBP Operation
Rate (%)
0.1
ST OMO
Rate (%)
0.001
Save
A
B
C
© 2007-2008 Bank of England
Build version: 2.0.0.30346
Deployed: 03 April 2012 13:19
Environment: BTEND-INTWEB1
Database: BTenderTestUAT
Current Omo Id:
Current CounterParty Id: 54
System Test Date: Using Current Date
System time @ page request: Web: 19:33:17 App: 19:33:17
Request Size: 0 Bytes
Request Time: 828.8053
Remoting Calls: 0
Heartbeat
Done
Local intranet
100%

15) Contact details

If users are experiencing problems with SWIFT they should contact their own IT support in the first instance. If users experience problems with the Btender application they should call the Bank of England Sterling Markets Division via direct line or on 0207 601 5000.

To get in contact with Bank of England back office call 0207 601 3635.

Operational Documentation is available at
www.bankofengland.co.uk/markets/money/documentation

Annex 1 – SWIFTNet access rights

Counterparties can configure the access rights to Btender for each person with SWIFT login details. There are 2 levels of access - viewer (view only, no input rights) and dealer (able to view, input and amend). The levels correspond to the SWIFTNet roles member and supermember. SWIFT roles are allocated to each user by your SWIFT Security Officer. Each counterparty needs to decide which role is required for each user and then ask the Security Office to make the change(s) necessary.

Outlined below is a brief guide to making the change(s).

1. Start WebStation
2. Login to WebStation with a SWIFTNet User with LRA capabilities, e.g. your SWIFT Security Officer.
3. Click on Users.
4. Locate the SWIFTNet User you wish to define RBAC for OMO.
5. Right-click and Open that SWIFTNet User.
6. Click on the Profile tab.
7. Locate the entry "boe.omo" and click on the right-arrow to open the available Roles.
8. Tick the Roles you wish the User to have; i.e. either "member" for viewer (view only) access or "member" **and** "supermember" for dealer (write) access.
9. Click the Save user profile icon (or right-click and Save).
10. The pop-up box "Profile updated successfully" should appear. Click "OK" to complete.
11. The SWIFTNet User can now login to boe.omo.
12. Repeat for other Users who wish to access Btender Live.
13. For the Trial/Pilot Btender service, the service name is boe.omo!pe. Assign RBAC Roles member and supermember in the same way.

Annex 2 - Calculation of total proceeds

Total proceeds = (clean price + accrued interest[4]) * nominal amount / redemption value of gilt

Accrued interest is calculated as set out in the DMO guidelines – refer to

http://www.dmo.gov.uk/documentview.aspx?docname=giltsmarket/formulae/yldeqns.pdf&page=Gilts/Formulae

page 25.

[4] The accrued interest is calculated per gilt (i.e. based on the face value).

Annex 3 - Icon Guide

- pre-operation information
 - spin price/rate/price down/up
- confirmation/term sheet (asset swap OMOs)
- cancel bid/offer
- identical bid
- submit bid/offer
- download page
 - hover over to view error message